

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet ✓
 Location Map Pinned ✓
 Card Indexed ✓
 IWR for State or Fee Land

Checked by Chief PMB
 Copy NID to Field Office ✓
 Approval Letter ✓
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 2-5-63
 OW ✓ WW TA
 GW OS PA

Location Inspected
 Bond released
 State of Fee Land

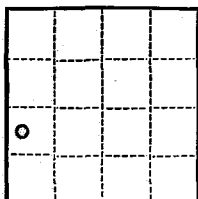
LOGS FILED

Driller's Log 2-13-63

Electric Logs (No.) 2

E I E-I ✓ GR GR-N Micro
 Lat. M-L Sonic ✓ Others

Copy H. L. C



(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
Land Office UtahLease No. U-02458Unit Castle Peak

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|--|-------------------------------------|--|--|
| NOTICE OF INTENTION TO DRILL | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Castle Peak Unit

December 3

19 62

Well No. 2 is located 1960 ft. from N line and 500 ft. from E line of sec. 24SW 24
(1/4 Sec. and Sec. No.)9 S

(Twp.)

15 E

(Range)

Salt Lake

(Meridian)

Unnamed (Unit terminated) Duchesne

(Field)

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 6284 ft. K.B. (estimated)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Formation Tops:

| | |
|-------------|---------|
| Utah | Surface |
| Green River | 1455 |
| Est. T. D. | 5400 |

Casing Program:

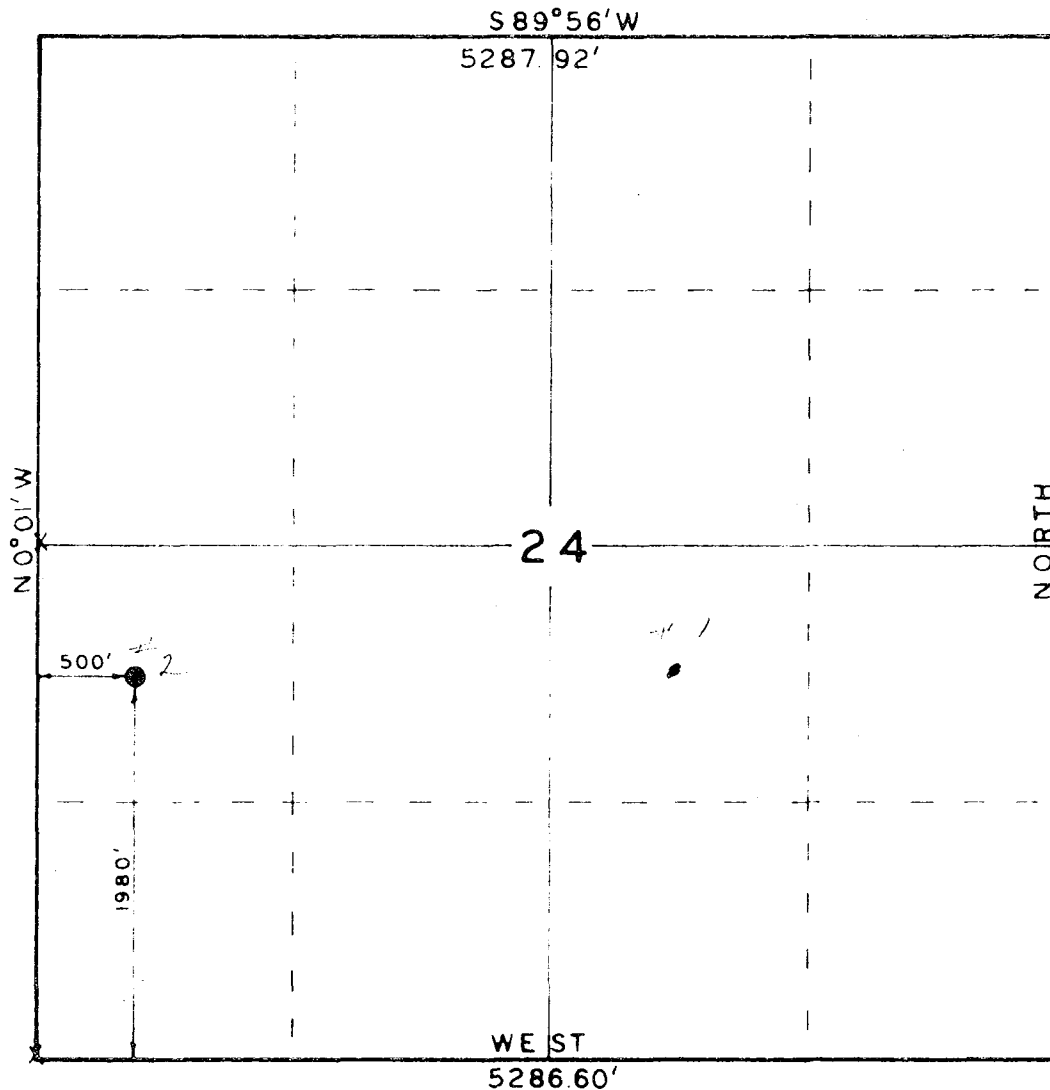
13-3/8" 48# casing set @ 200'
 Cement to circulate.
 5 1/2" 14-15.5# casing set through
 all potential producing zones.

To test potential producing horizons in the Green River formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas CorporationAddress 870 First Security BuildingSalt Lake City 11, UtahBy Ralph ThomasTitle District Geologist

T9S, R15E, SLB & M



X = Corners Located (brass caps)

Scale: 1" = 1000'

Acres Spacing C present

Nelson & Co. Surveyors

By: ROSS CONSTRUCTION CO.
Vernal, Utah

| | | |
|--|--|--|
| <p>PARTY G. Stewart L. Taylor</p> <p>FATHER Windy-Cold</p> | <p>SURVEY SHAMROCK OIL & GAS CORP. WELL LOC. CASTLE PEAK NO. 2, LOCATED AS SHOWN IN THE NW 1/4, SW 1/4, SEC. 24, T9S, R15E, SLB & M. DUCESNE COUNTY, UTAH.</p> | <p>DATE 11/15/62 REFERENCES GLO Township Plat Approved 9/23/1911 FILE SHAMROCK</p> |
|--|--|--|

December 3, 1962

Shamrock Oil and Gas Corporation
870 First Security Building
Salt Lake City 11, Utah

Attn: Ralph Thomas,
District Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Castle Peak Unit #2, which is to be located 1980 feet from the south line and 500 feet from the west line of Section 24, Township 9 South, Range 13 East, SE1/4, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURGHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2800
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:ep

cc: D. F. Russell, Dist. Eng.
UGCS - Salt Lake City, Utah

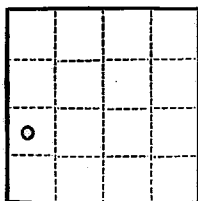
H. L. Counts, Pet. Eng.
OGCC - Moab, Utah

Copy H. L. C.
(SUBMIT IN TRIPLICATE)

Land Office Utah

Lease No. U-02458

Unit Castle Peak



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|--|--|----------|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | Subsequent report of running surface casing | X |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 17, 1962

Well No. 2 is located 1980 ft. from N line and 500 ft. from W line of sec. 24.
NW SW 24 9 S 15 E Salt Lake
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Unamed Duchesne Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6384 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 211.89 feet of 13-3/8" 48# casing. Set casing at 210 feet. Cemented with 300 sacks of regular cement with 2% calcium chloride added. Cement circulated.

Spud 12-15-62

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Edwin B. Isbell

Title Geologist

LAND OFFICE ----- **Utah**
LEASE NUMBER ----- **02458**
UNIT ----- **Castle Peak**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Unnamed

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1962,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah Signed Ralph Thomas

Phone 328-0165 Agent's title District Geologist

| SEC. AND 1/4 OF 1/4 | TWP. | RANGE | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|------------------------|------|-------|-------------|------------------|----------------|---------|----------------------------------|-------------------------------------|--|---|
| Sec. 24 NW SW | 9S | 15E | 2 | | | | | | | <p><i>Castle Peak</i></p> <p>Spud 12-15-62 Ø 17½" to 212'.</p> <p>Set 13-3/8" casing @ 210 w/300 ax.</p> <p>DST #1: 552-627. Open 55 min., shut in 15 min.</p> <p>Weak blo and died in 8 min., bypassed tool, weak blo and died in 31 min. Rec 15' drilling fluid.</p> <p>No pressures.</p> <p>DST #2: 3538-3565. Shut in 30 min., open 60 min., shut in 60 min. Had very weak blo that cont thruout test. Rec 10' drilling fluid. FP 6-6, SIP 161-112, HHP 1631-1607.</p> <p>DST #3: 4366-84. Shut in 30 min., op 2 hours, shut in 60 min. Had good blo thruout. Rec 625' SGC drilling fluid w/distillate odor. FP 90-322, SIP 1514-1465, HHP 2072-2062.</p> <p>DST #4: 4480-97. Shut in 30 min., op 4 hours, shut in 2 hours. Opened w/weak blo, in 10 min. had good blo. GTS 2 hr 15 min, TSTM. Rec 180' fluid of which 175' G&WC drilling fluid & 5' dist. FP 48-77, SIP 725-1241, HHP 2137-2128.</p> <p>Drilled to 4643'. Twisted off leaving 14 drill collars in hole. Coming out for overshot.</p> |

NOTE.—There were _____ **no** _____ runs or sales of oil; _____ **no** _____ M cu. ft. of gas sold;
_____ **no** _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

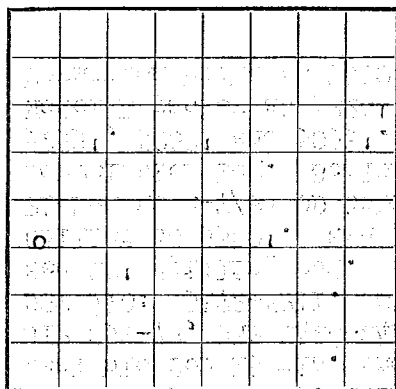
Form 9-330

For use by
Bureau No. 42-R355.4

U. S. LAND OFFICE Utah

SERIAL NUMBER 02458

LEASE OR PERMIT TO PROSPECT
Castle Peak



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil and Gas Corporation Address 870 First Security Building, S.L.C.

Lessor or Tract Castle Peak Unit Field Unnamed State Utah

Well No. 2 Sec. 24 T. 9S R. 15E Meridian Salt Lake County Duchesne

Location 1980 ft. [S] of S. Line and 500 ft. [E] of W. Line of Section 24 Elevation 6284 KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records!

Signed Bruce D. Bell

Date February 12, 1963

Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling December 15, 19 62 Finished drilling January 8, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4483 to 4502 No. 4, from 4900 to 4907
No. 2, from 4706 to 4710 No. 5, from 5046 to 5070
No. 3, from 4750 to 4772 No. 6, from 5247 to 5257

IMPORTANT WATER SANDS

No. 1, from None to None No. 3, from None to None
No. 2, from None to None No. 4, from None to None

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated | | Purpose |
|-------------|-----------------|------------------|------|---------|--------------|---------------------|------------|--------|------------|
| | | | | | | | From— | To— | |
| 13-3/8 | 48# | | | 211.89 | | | | | Surface |
| 5 1/2 | 14 | | J-55 | 5348.84 | | | 4487 | 4500 | Production |
| | | | | | | | 4709 | 4769 | 4902 |
| | | | | | | | 5053 | 5063 & | 5253 |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13-3/8 | 210 | 300 | | | |
| 5 1/2 | 5346 | 520 | | | |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

TOOLS USED

Rotary tools were used from 0 feet to 5500 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing February 5, 19 63

The production for the first 24 hours was 55 barrels of fluid of which 100% was oil; %
 emulsion; % water; and % sediment. Gravity, °Bé. 31.6 @ 60°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|------|------------|-------------------------------|
| 0 | 1168 | 1168 | sh, sd, lime |
| 1168 | 1475 | 307 | dolo sh TOPS |
| 1475 | 3100 | 1625 | oil shale Uintah surface |
| 3100 | 4350 | 1250 | lime, sh, sd Green River 1168 |
| 4350 | 5420 | 1070 | sd & sh Wasatch Tongue 5420 |
| 5420 | 5500 | 80 | red sh & sd |

(OVER)

16-43004-5

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 12-15-62. Drilled 17½" hole to 212'. Set 13-3/8" casing @ 210' w/300 sx.
DST #1: 552-627. Open 55 min., shut in 15 min. Weak blo and died in 8 min., bypassed tool, weak blo and died in 31 min. Rec 15' drilling fluid. No pressures.
DST #2: 3538-3565. Shut in 30 min., open 60 min., shut in 60 min. Had very weak blo that cont thruout test. Rec 10' drilling fluid. FP 6-6, SIP 161-112, HHP 1631-1607.
DST #3: 4366-84. Shut in 30 min., op 2 hours, shut in 60 min. Had good blo thruout. Rec 625' SGC drilling fluid w/distillate odor. FP 90-322, SIP 1514-1465, HHP 2072-2062.
DST #4: 4480-97. Shut in 30 min., op 4 hours, shut in 2 hours. Opened w/weak blo, in 10 min. had good blo. GTS 2 hr 15 min., TSTM. Rec 180' fluid of which 175' G&WC drilling fluid and 5' distillate. FP 48-77, SIP 725-1241, HHP 2137-2128.
DST #5: 4697-4711. Shut in 30 min., op 4 hours, Shut in 2 hrs. Had weak blow for 30 min., inor to good blow in 60 min., continued good to end of test. Rec 890' heavily gas & oil cut drilling fluid of which about 5% of total recovery was oil. FP 109-396, SIP 858-984, HHP 2259-2210.
DST #6: 4752-4771. Shut in 30 min., open 4 hrs, shut in 2 hrs. Had strong blow immed., GTS 90 min., TSTM. Rec 140' drilling fluid. FP 81-93, SIP 725-1273, HHP 2275-2259.
DST #7: 4894-4919. Shut in 30 min., open 4 hrs., shut in 2 hrs. Good blow thruout. GTS in 3 hr 20 min. Rec 675' fluid which was 60' clean black high pour point oil and 615' drilling fluid, oil and gas cut thruout. FP 100-245, SIP 683-1539, HHP 2324-2314.
DST #8: 5050-5068. Shut in 30 min., open 2 hrs., shut in 1 hr. Had weak blo immed, continued thruout test. Rec 305' drilling fluid w/sli show of oil. FP 159-157, SIP 253-311, HHP 2381-2375.
DST #9: 5112-5169. Shut in 30 min., op 60 min., shut in 45 min. Had very weak blo for 15 min. and died. Rec 10' oil and 20' drilling mud. FP 9-13, SIP 252-79, HHP 2426-2413.
DST #10: 5172-5211. Shut in 30 min., open 60 min., Shut in 45 min. No blow. Rec 20' drilling mud. FP 3-3, SIP 78-6, HHP 2435-2435.
Drilled to 5500'. Ran logs. Set 5½" casing at 5346 w/520 sx.
Picked up 2-7/8" OD tubing. Cleaned out cement to 5286'. Ran bond log and correlation log. Schlumberger TD 5286'. Perf w/radial crack jet (4 shots) at 5253', 5063' and 5053'. Set Baker retrievable bridging plug at 5262' and Model R packer at 5226'. Broke formation with 250 gallons of 10% acetic acid. Formation broke at 3600#. Pumped in at 1 barrel per minute at 3500#.

History of oil or gas well (continued)

Treated perfs at 5253' w/50 bbls of oil pre-flush, 5930# 20-40 sd, and 6670 gal. oil. Flushed w/30 bbls oil. Treated at 6000# at 6 bbls per minute, decreasing to $4\frac{1}{2}$ bbls per minute. Screened out w/30 bbls of pre-flush in tbg. Used 214 bbls oil in treatment. Moved bridge plug to 5083, set pkr at 5034. Broke perfs at 5053' to 5063' w/250 gal 10% acetic acid. Broke at 4700#. Treated w/12,000# 20-40 sd, 200# walnut shells, 9710 gal oil. Flushed w/40 bbls of oil. Treated at 6000# at 9 bbls per minute. Used 300 bbls oil in treatment. Pulled bridge plug and packer. Perf w/radial crack jets (4 shots in single plane) at 4902' and 4769'. Set bridge plug at 4915' and pkr at 4865'. Treated perfs at 4902' w/250 gal 15% mud acid, 40 bbls oil pre-flush, 7000# sd, 200# walnut shells, and 7655 gal oil. Flushed w/40 bbls oil. Formation broke at 6500#, treated at 6000# at 7 bbls per minute. Used 240 bbls oil in treatment. Raised and straddled perfs at 4769'. Treated w/250 gal 15% mud acid, 40 bbls oil pre-flush, 10,000# sd, 200# walnut shells, and 9700 gal oil. Flushed w/40 bbls oil. Formation broke at 6400#. Treated at 6000# at $8\frac{1}{2}$ bbls per minute. Used 280 bbls oil in treatment. Moved down and straddled perfs at 4902'. Swabbed 161 bbls in 18 hrs. Pulled bridging plug. Perf w/radial crack jets at 4709', 4500' and 4487'. Straddled perfs at 5253'. Swabbed 30 bbls in 3 hrs. Straddled perfs at 4709'. Treated with 250 gal mud acid, 40 bbls pre-flush, 10,000# 20-40 mesh sand, 200# walnut shells, and 10,200 gal frac fluid. Flushed w/40 bbls. Formation broke at 4500#. Treated at 5000#, injection rate 9 bbls per minute. Instant. SIP 2200#. Used 325 bbls of oil in treatment. Moved up and straddled perfs at 4500 and 4487'. Treated w/250 gal mud acid, 50 bbls oil, 6000# 20-40 mesh sd, 6000 gal oil, 150# moth balls, 250 gal mud acid, & 40 bbls oil. Second stage: 3000# 20-40 mesh sd, 200# walnut shells, 3800 gal oil. Flushed w/35 bbls oil. First stage formation broke at 3300#, treating pressure 4800#, inj rate 9 bbls per minute. Pressure incr to 5000# & broke immediately when moth balls hit perfs. Second stage treating pressure 4200#, injection rate 7 bbls per min. Used 362 bbls of oil in treatment. Flowed and swabbed. Set 2-7/8" tubing at 5145'. Installed $1\frac{1}{2}$ " x 12' pump. Installed pumping jack and put well on pumping operations.

Completion Report: Based on 24 hr test, well pumped 55 bbls of oil and no water. Had 10# TP, 95# CP, gas gg 150 MCF. Oil is 31.6 gravity at 60° and 70° pour point. Completion date 2-6-63.

Sec. 24 9S 15E 2
NW SW

(continued)

Treated perfs at 5253' w/50 bbls of oil pre-flush, 5930# 20-40 sd and 6670 gal oil. Flushed w/30 bbls oil. Treated at 6000# at 6 bbls per min., decr to $4\frac{1}{2}$ bbls per min. Screened out w/30 bbls of pre-flush in tubing. Used 214 bbls oil in treatment. Flowed back 14 bbls oil in 1 hr and died.

Washed sd from bridge plug and moved bridge plug to 5083'. Set pkr at 5034'. Broke perfs at 5053' to 5063' w/250 gal 10% acetic acid. Broke at 4700#, treated w/12,000# 20-40 sd, 200# walnut shells, 9710 gal oil. Flushed w/40 bbls oil. Treated at 6000# at 9 bbls per min. Used 300 bbls oil in treatment. Flowed and swabbed.

Washed off and pulled bridge plug and packer. Perf w/radial crack jets (4 shots single plane) at 4902' and 4769'. Set bridge plug at 4915', set pkr at 4865'. Treated perfs at 4902' w/250 gal 15% mud acid, 40 bbls oil pre-flush, 7000# sd, 200# walnut shells and 7655 gal oil. Flushed w/40 bbls oil. Formation broke at 6500#, treated at 6000# at 7 bbls per min. Used 240 bbl oil in treatment. Flowed back 40 bbls oil.

Washed sd from bridge plug. Raised and straddled perfs at 4769'. Treated w/250 gal 15% mud acid, 40 bbl oil pre-flush, 10,000# sd, 200# walnut shells and 9700 gal oil. Flushed w/40 bbl oil. Formation broke at 6400#. Treated at 6000# at $8\frac{1}{4}$ bbl per min. Used 280 bbl oil in treatment. Flowed and swabbed.

Washed off bridge plug. Moved down and straddled perfs at 4902'. Swabbed 161 bbl in 18 hrs.

Pulled bridging plug. Perf w/radial crack jets at 4709', 4500' and 4487'. Straddled perfs at 5253'. Swabbed. Straddled perfs at 4709'. Treated w/250 gal mud acid, 40 bbls pre-flush, 10,000# 20-40 mesh sd, 200# walnut shells, and 10,200 gal frac fluid. Flushed w/40 bbls. Formation broke at 4500#, treated at 5000#, inj rate 9 bbls per min. Instant SIP 2200#. Used 325 bbls in treatment. Flowed and swabbed.

Moved up and straddled perfs at 4500' and 4487'. Treated w/250 gal mud acid, 50 bbls oil, 6000# 20-40 sd, 6000 gal oil, 150# moth balls, 250 gal mud acid and 40 bbls oil. Second stage: 3000# 20-40 mesh sd, 200# walnut shells, 3800 gal oil. Flushed w/35 bbls oil.

First stage form broke at 3300#, TP 4800#, inj rate 9 bbls per min. Pressure incr to 5000# and broke immed when moth balls hit perfs. Second stage TP 4200#, inj rate 7 bbls per min. Used 362 bbls oil in treatment. Flowed and swabbed. Ran 2-7/8" EUE tubing. Set at 5145'. Installed pumping unit. Pumping load oil.

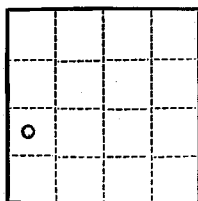
Sec. 22 9S 15E 3
SE SE

(Lease No. 027345)

Spud 1-31-63. Drilled $12\frac{1}{4}$ " to 225'. Set 9-5/8" csg at 225' w/110 sx. WOC.

Copy H.L.C.
(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 02458
Unit Castle Peak



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

| | |
|---|---|
| NOTICE OF INTENTION TO DRILL..... | SUBSEQUENT REPORT OF WATER SHUT-OFF..... |
| NOTICE OF INTENTION TO CHANGE PLANS..... | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... | SUBSEQUENT REPORT OF ALTERING CASING..... |
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| NOTICE OF INTENTION TO SHOOT OR ACIDIZE..... | SUBSEQUENT REPORT OF ABANDONMENT..... |
| NOTICE OF INTENTION TO PULL OR ALTER CASING..... | SUPPLEMENTARY WELL HISTORY..... |
| NOTICE OF INTENTION TO ABANDON WELL..... | |
| Notice of intention to run casing X | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Castle Peak January 9, 19 63
Well No. 2 is located 1980 ft. from SE line and 500 ft. from W line of sec. 24
NW SW 24 9 S 15 E Salt Lake
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Unamed Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6284 ft. **K.B.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Request permission to set $5\frac{1}{2}$ " casing to approximately 5300 feet to test potential oil zones in the Green River. To cement casing with 500 sacks of regular cement.

Rotary total depth 5,500 feet. ✓

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

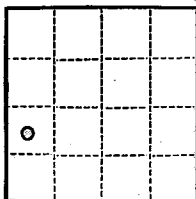
Company The Shamrock Oil and Gas Corporation
Address 670 First Security Building
Salt Lake City 11, Utah
By Ralph Thomas
Title District Geologist

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Utah
Lease No. 02458
Unit Castle Peak



SUNDRY NOTICES AND REPORTS ON WELLS

| | |
|--|--|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF |
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| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY |
| NOTICE OF INTENTION TO ABANDON WELL | Subsequent report of running casing X |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Castle Peak Unit January 10, 1963

Well No. 2 is located 1900 ft. from S line and 500 ft. from W line of sec. 24

NW SW 24 9 S 15 E Salt Lake
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6204 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 5,348.84 feet 5 $\frac{1}{2}$ " 14# J-55 casing. Set casing at 5,346'. Cemented with 520 sacks regular cement with 1.3% fluc added.

Rotary total depth 5,500 feet. ✓

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building
Salt Lake City 11, Utah

By Ralph Homer
Title District Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved,
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER _____
UNIT Castle Peak

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Unnamed

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1963,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.

Salt Lake City 11, Utah

Signed Ralph Hume

Phone 328-0165

Agent's title District Geologist

| SEC. AND ¼ OF ¼ | TWP. | RANGE | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|--------------------|------|-------|-------------|------------------|--|---------|----------------------------------|-------------------------------------|--|---|
| Sec. 24 NW SE | 9S | 15E | 1 | 31 | 600.84 | | (Lease No. 02458) | | | |
| Sec. 24 NW SW | 9S | 15E | 2 | | | | (Lease No. 02458) | | | |
| | | | | | DST #5: 4697-4711. SI 30 min., op 4 hrs., SI 2 hrs. Had wk ble for 30 min., incr to good ble in 60 min., continued good to end of test. Rec 890' HQOC drilling fluid of which about 5% of total rec was oil. FP 109-396, SIP 858-984, HHP 2259-2210. DST #6: 4752-71. SI 30 min., op 4 hrs, SI 2 hrs. Strg ble immed, QTS in 90 min., TSTM. Rec 140' drilling mud. FP 81-93, SIP 725-1273, HHP 2275-2259. DST #7: 4894-4919. SI 30 min., op 4 hrs, SI 2 hrs. Good blew thruout, QTS 3 hrs 20 min. Rec 675' fluid which was 60' clean blk HPP oil, 615' drilling fluid O&OC thruout. FP 100-245, SIP 683-1539, HHP 2324-2314. DST #8: 5050-68. SI 30 min., op 2 hrs, SI 1 hr. Had wk blew immed, cont thruout test. Rec 305' drilling fluid w/ slt show of oil. FP 159-157, SIP 253-311, HHP 2381-2375. DST #9: 5112-5169. SI 30 min., op 60 min., SI 45 min. Had very wk ble for 15 min. and died. Rec 10' oil and 20' drilling mud. FP 9-13, SIP 252-79, HHP 2426-2413. DST #10: 5172-5211, SI 30 min., op 60 min., SI 45 min. No blow, rec 20' drilling mud. FP 3-3, SIP 78-6, HHP 2435-2435. Drilled to 5500'. Ran logs. Set 5½" casing at 5346' w/520 sz. Moved in completion unit. Ran wire line to 5248'. Picked up 2-7/8" OD tubing. Cleaned out cement to 5286'. Ran bond log and correlation log. Schlumberger TD 5286. Perforated w/radial crack jet (4 shots) at 5253', 5063', and 5053'. Set bridging plug at 5262' and Model R packer at 5226'. Broke formation w/250 gal 10% acetic acid. Formation broke at 3600#. Pumped in at 1 bbl per min. at 3500#. | | | | | |

NOTE.—There were 1 (933.34 barrels) runs or sales of oil; no M cu. ft. of gas sold;

no

_____ No. days in the month. (Write "no" where applicable.)

N
du:

_____ This is of the status of operations, and must be filed in
_____ dated by the supervisor.



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah

April 8, 1963

Reply to:
Intermountain Exploration District
First Security Bldg. Room 870
Salt Lake City 11, Utah

328-0165

Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

Will you please hold confidential the information sent
you on our Castle Peak Unit No. 2 Well located in Section 24,
Township 9 South, Range 15 East, Duchesne County, Utah.

Very truly yours,

Ralph Thomas
District Geologist

RT:ls

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02458

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Castle Peak Unit

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Castle Peak

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 24, T9S, R15E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR

Box 631, Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface1980' from south line and 500' from west line of
Section.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6284' K.B.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☒
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Proposed Plugging Procedure:

Set 140-sack cement plug through tubing, inside 7" casing, from 4,900' to 3,900'.
Pump 10 sack cement at surface between 13 3/8" and 5 1/2" casing. Set 5-sack
cement plug in 5 1/2" casing. Install dry hole marker.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 7-30-71

BY CB Feight

18. I hereby certify that the foregoing is true and correct

SIGNED

Joe Kavel

TITLE Ass't Mgr. Drilling Oper.

DATE 7-27-71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02453

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Castle Peak Unit

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Castle Peak

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 24, T9S, R15E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR

Box 631, Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1980' from south line and 500' from west line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6234' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐
☐

FRACTURE TREATMENT

REPAIRING WELL

☐
☐
☐
☒
☐

SHOOTING OR ACIDIZING

ALTERING CASING

(Other)

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugging Procedure

Ran tubing to 4,900' and circulated 150 barrels of 8.4# mud.

Spotted 140 sacks cement from 3,900' - 4,900'.

Spotted 25 sacks in 13 3/8" x 5 1/2" annulus.

Spotted 5 sacks in 5 1/2" casing.

Plugged and abandoned 8-14-71.

Dry hole marker erected in compliance with regulations.

18. I hereby certify that the foregoing is true and correct

SIGNED

Joe Raveell

TITLE Ass't Mgr. of Drill. Oper.

DATE 8-17-71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER RE-ENTRY

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

NW/SW

At proposed prod. zone 444' FWL & 2037' FSL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

4836'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1104'

19. PROPOSED DEPTH

5500'

20. ROTARY OR CABLE TOOLS

Workover Rig

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6275.4' GR

22. APPROX. DATE WORK WILL START*

Third quarter 1996

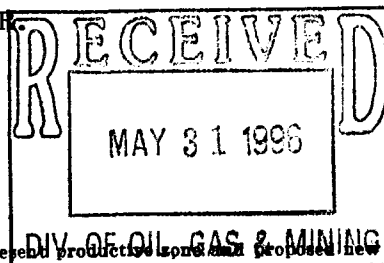
23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| | 13 3/8" | 48# | 210' | 300 sx in place |
| | 5 1/2" | 14# | 5346' | 520 sx |

Inland Production Company is proposing to enter the existing well bore by drilling out the cement plugs as follows: 140 sx cement plug from 3900' - 4900', 25 sx cement plug in 13 3/8" X 5 1/2" annulus, 5 sx cement plug in 5 1/2" csg. The well was originally drilled to 5500'. Inland does not plan to deepen the well.

Inland Production Company is requesting that the Castle Peak Unit #2 API #43-013-15782, be renamed the Ashley Federal #12-24R



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Brad Mecham
Brad Mecham

TITLE Operations Manager

DATE 5/15/96

(This space for Federal or State office use)

PERMIT NO.

43-013-15782

APPROVAL DATE

APPROVED BY

J. W. Matthews
J. W. Matthews

TITLE

Petroleum Engineer
Petroleum Engineer

DATE

7/3/96

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

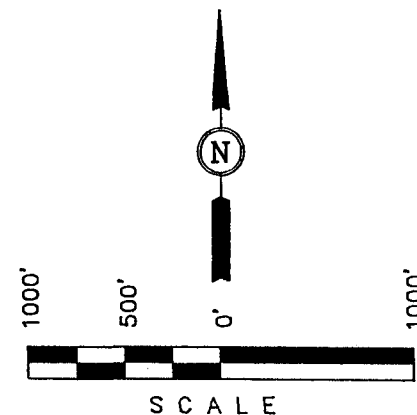
T9S, R15E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, ASHLEY FEDERAL #12-24R,
located as shown in the NW 1/4 SW 1/4
of Section 24, T9S, R15E, S.L.B.&M.
Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK M77 (1934) LOCATED IN THE NW 1/4
OF SECTION 25, T9S, R15E, S.L.B.&M. TAKEN FROM
THE MYTON SW QUADRANGLE, UTAH, DUCHESNE
COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP)
PUBLISHED BY THE UNITED STATES DEPARTMENT OF
THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION
IS MARKED AS BEING 6153 FEET.



CERTIFICATE

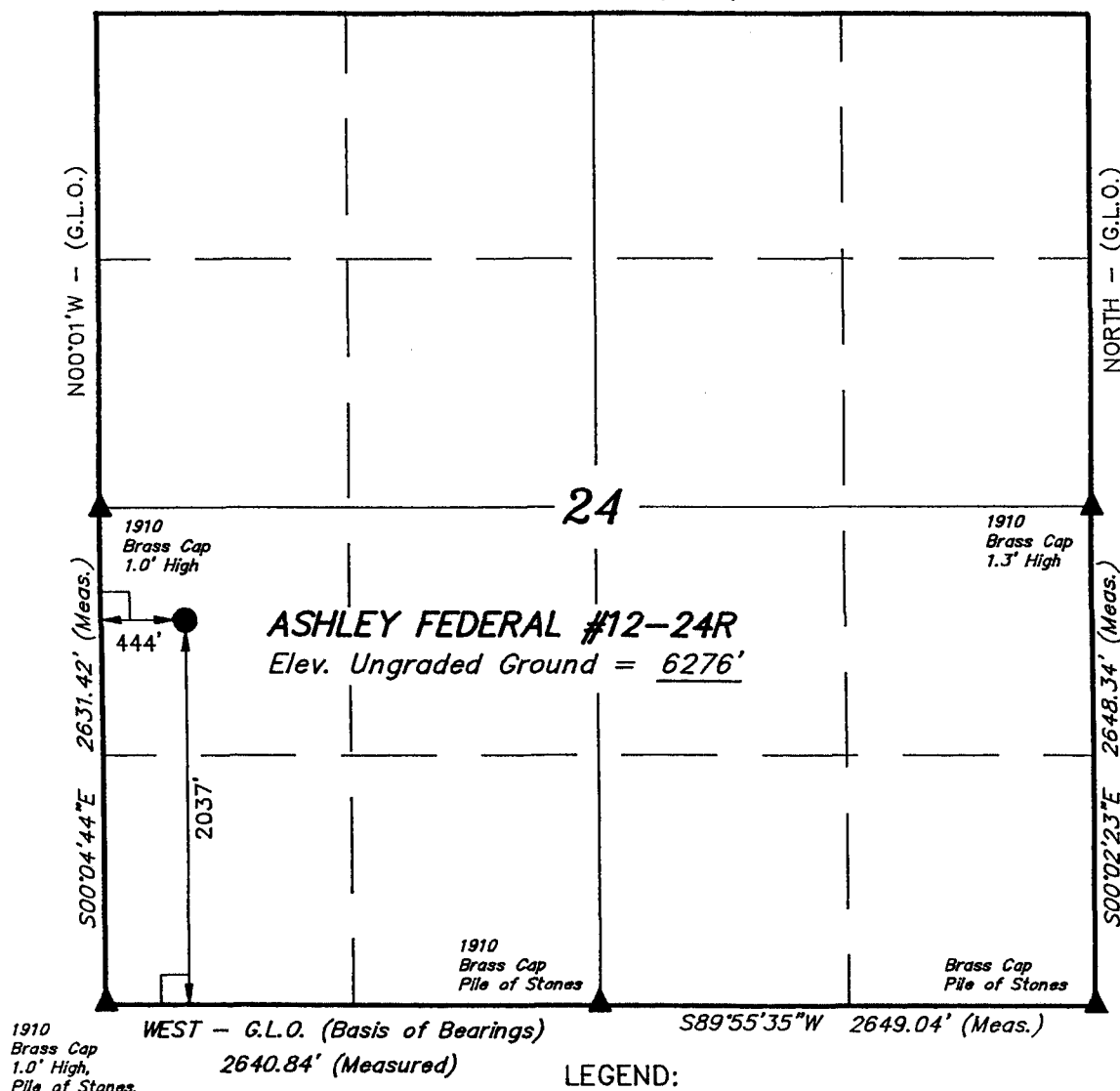
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

| | | |
|-----------------------------|-------------------------------|-----------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 2-29-96 | DATE DRAWN: 3-5-96 |
| PARTY L.D.T. M.R. D.R.B. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE INLAND PRODUCTION CO. | |

S89°56'W - 80.12 (G.L.O.)



LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**INLAND PRODUCTION COMPANY
ASHLEY FEDERAL #12-24R
NW/SW SECTION 24, T9S, R15E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | |
|-------------|------------|
| Uinta | 0' - 3050' |
| Green River | 3050' |
| Wasatch | 6500' |

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050' - 6500' - oil

4. EXISTING CASING

13 3/8" J-55 48# existing csg @ 210'
5 1/2" J-55 15.5# w/ LT&C collars; set @ TD
See Exhibit "F".

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 6" 3000# BOP will be utilized.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The existing plugs will be drilled out with 2% KCL water.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

A TIW valve with 8rd threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Existing logs will be used. It is anticipated at this time that no new logs are to be run.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the workover operations will commence in July, 1996 and take approximately four days to complete.

**INLAND PRODUCTION COMPANY
ASHLEY FEDERAL #12-24R
NW/SW SECTION 24, T9S, R15E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #12-24R located in the NW 1/4 SW 1/4 Section 24, T9S, R15E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 9.7 miles to its junction with an existing dirt road to the southwest. Proceed southwesterly along this road 5.3 miles to its junction with an existing dirt road to the east; proceed easterly along this road .8 miles to the Ashley Federal #9-23, and to the beginning of the existing access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the workover phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The existing access road leaves the Ashley Federal #10-23 access road in the SW/SE Sec. 23, T9S, R15E, S.L.B., and proceeds in a northeasterly direction through the Ashley Federal #9-23, approximately .8 miles to the proposed location site.

The existing access road will be upgraded with an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will no water turnouts constructed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

There is one producing and one P&A Inland Production Co. oil wells, within a one mile radius of this location. (See exhibit "D").

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon reconstruction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system for the purpose of drilling and completing the Ashley Federal #12-24R.

Existing water for this well will be trucked from Inland Production Company's water supply line, located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R17E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A small pit will be constructed from native soil to hold cuttings from cement plugs. The pit will be promptly reclaimed after operations are completed.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for reinjection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The temporary pit will be located on the north, between stakes 4 & 5.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the north, between stakes 5 & 6, and windrowed from the northeast corner to the southeast corner, between stakes 6 & 8.

Access to the well pad will be from the west side, between stakes 2 & 3.

The northeast, southeast, and the southwest corners will be rounded, to avoid excess drainage.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.

- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on four (4) sides during workover operations. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.

ASHLEY FEDERAL #12-24R

- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. The Archaeological Survey Report is attached.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the workover of the Ashley Federal #12-24R, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the workover of the Ashley Federal #12-24R, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and workover activities.

Inland Production Company or a contractor employed by Inland Production, shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the workover rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham
Address: P.O. Box 1446 Roosevelt, Utah 84066
Telephone: (801) 722-5103

Certification

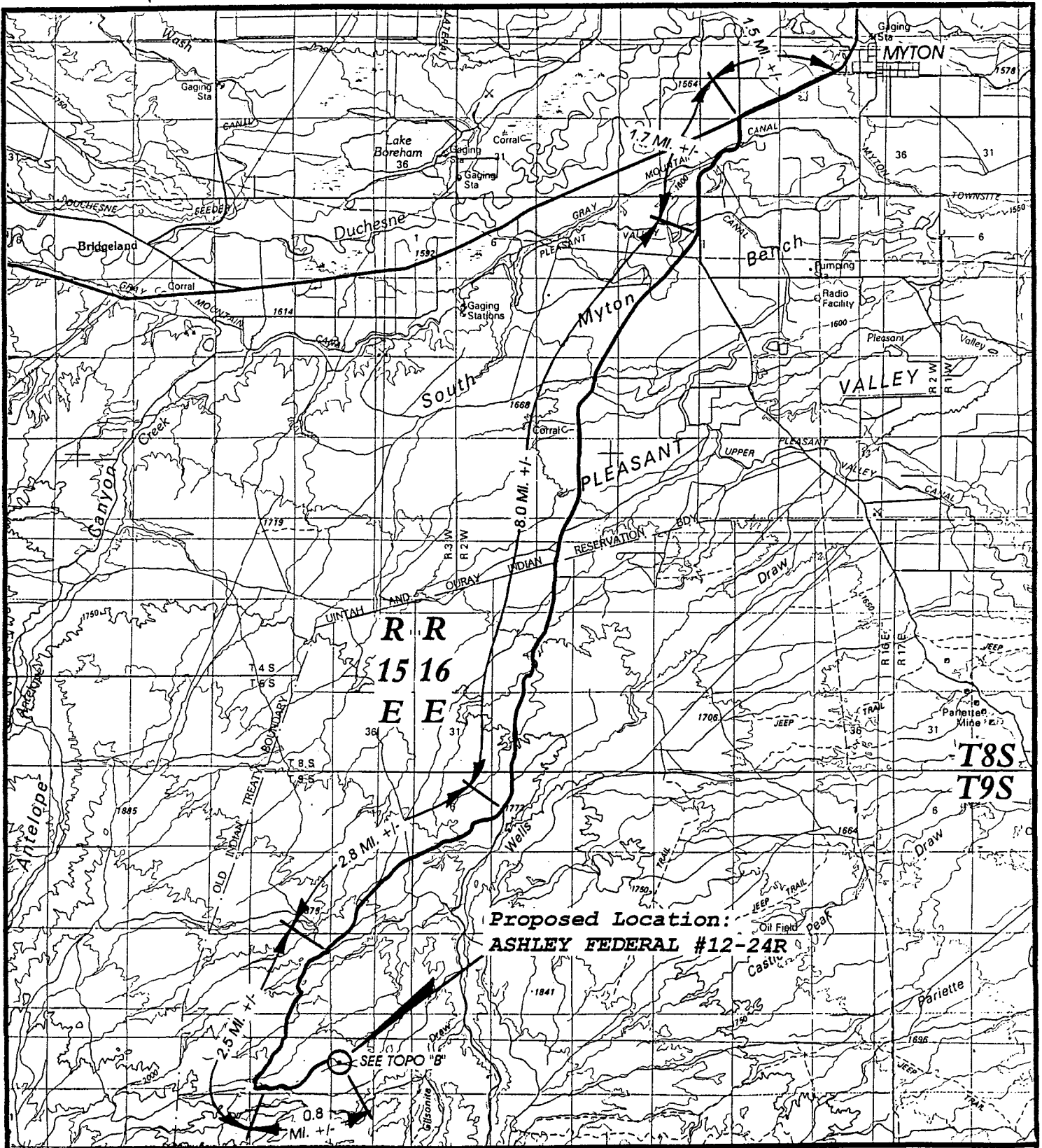
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #12-24R NW/SE Section 24, Township 9S, Range 15E: Lease #U-02458 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

5-28-95

Date

Brad Mecham
Brad Mecham
Operations Manager



Proposed Location:
ASHLEY FEDERAL #12-24R

UELS

**TOPOGRAPHIC
 MAP "A"**

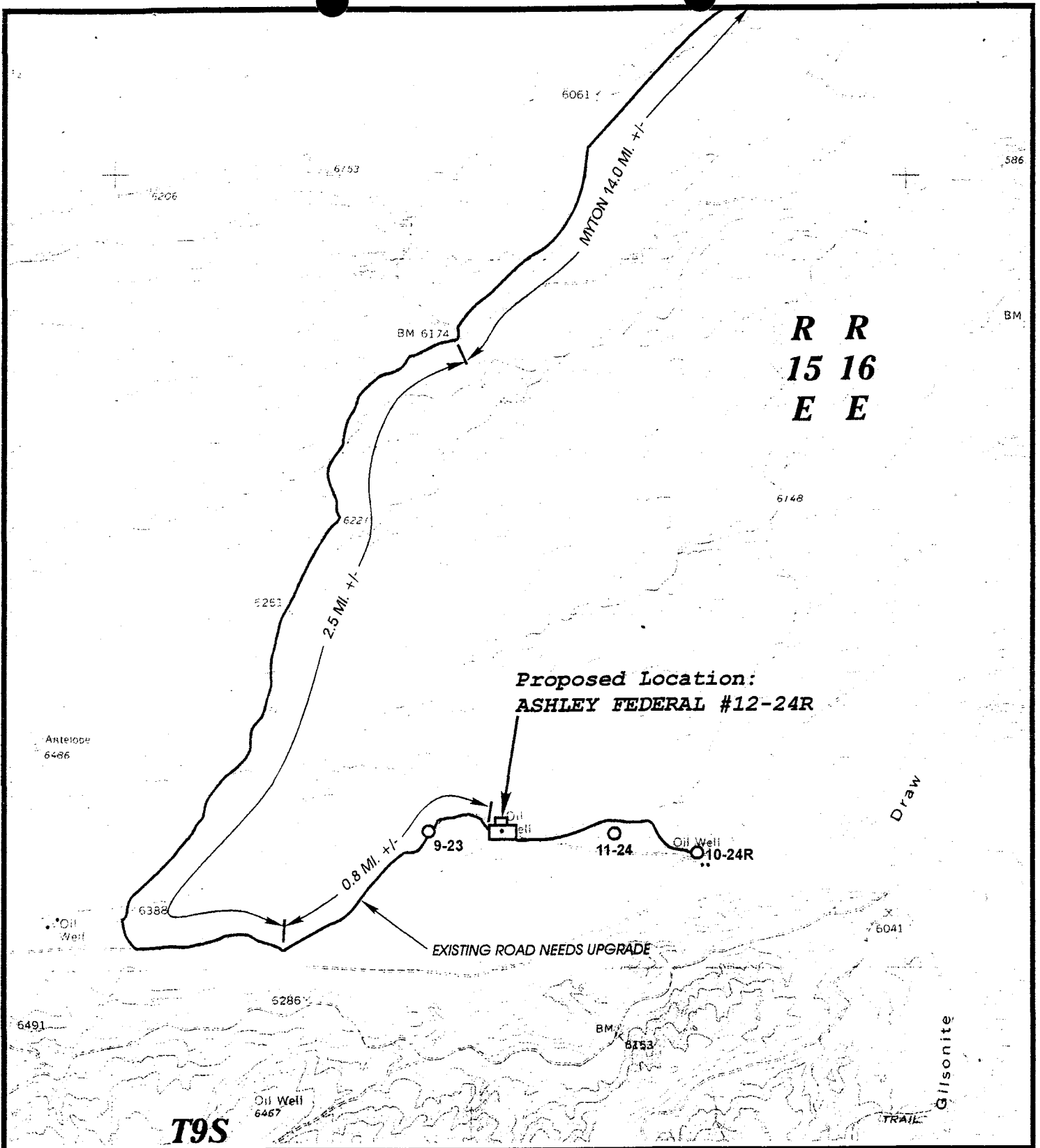
DATE: 3-6-96
 Drawn by: D.COX

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



INLAND PRODUCTION CO.

ASHLEY FEDERAL #12-24R
SECTION 24, T9S, R15E, S.L.B.&M.
2037' FSL 444' FWL



TOPOGRAPHIC MAP "B"

**DATE: 3-5-96
Drawn by: D.COX**

UNTAEH ENGINEERING & LAND SURVEYING
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

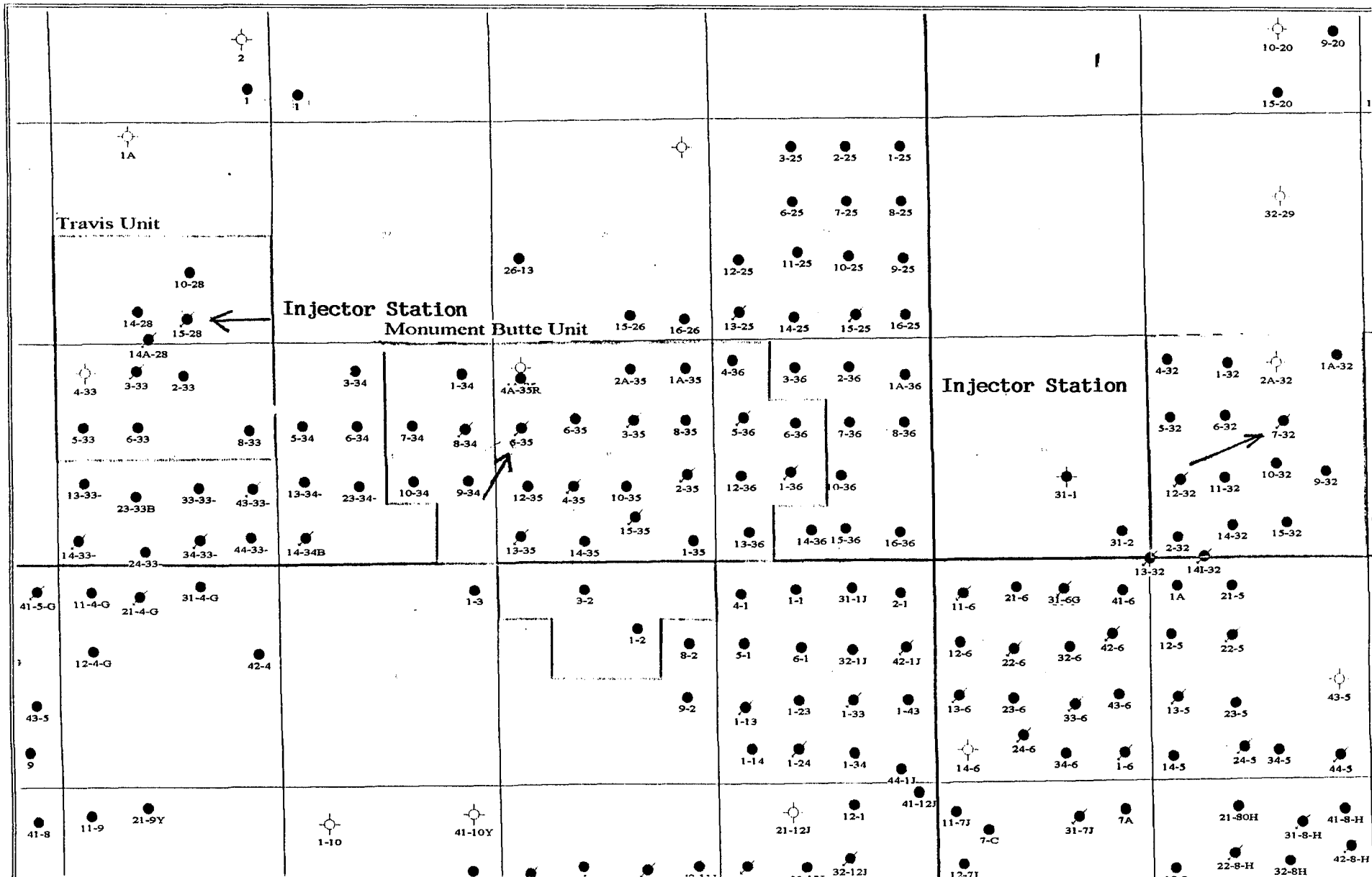


SCALE: 1" = 2000'

INLAND PRODUCTION CO.

**ASHLEY FEDERAL #12-24R
SECTION 24, T9S, R15E, S.L.B.&M.
2037' FSL 444' FWL**

EXHIBIT "C"



475 17th Street Suite 1500
 Denver, Colorado 80202
 Phone: (303)-292-0900

Regional Area

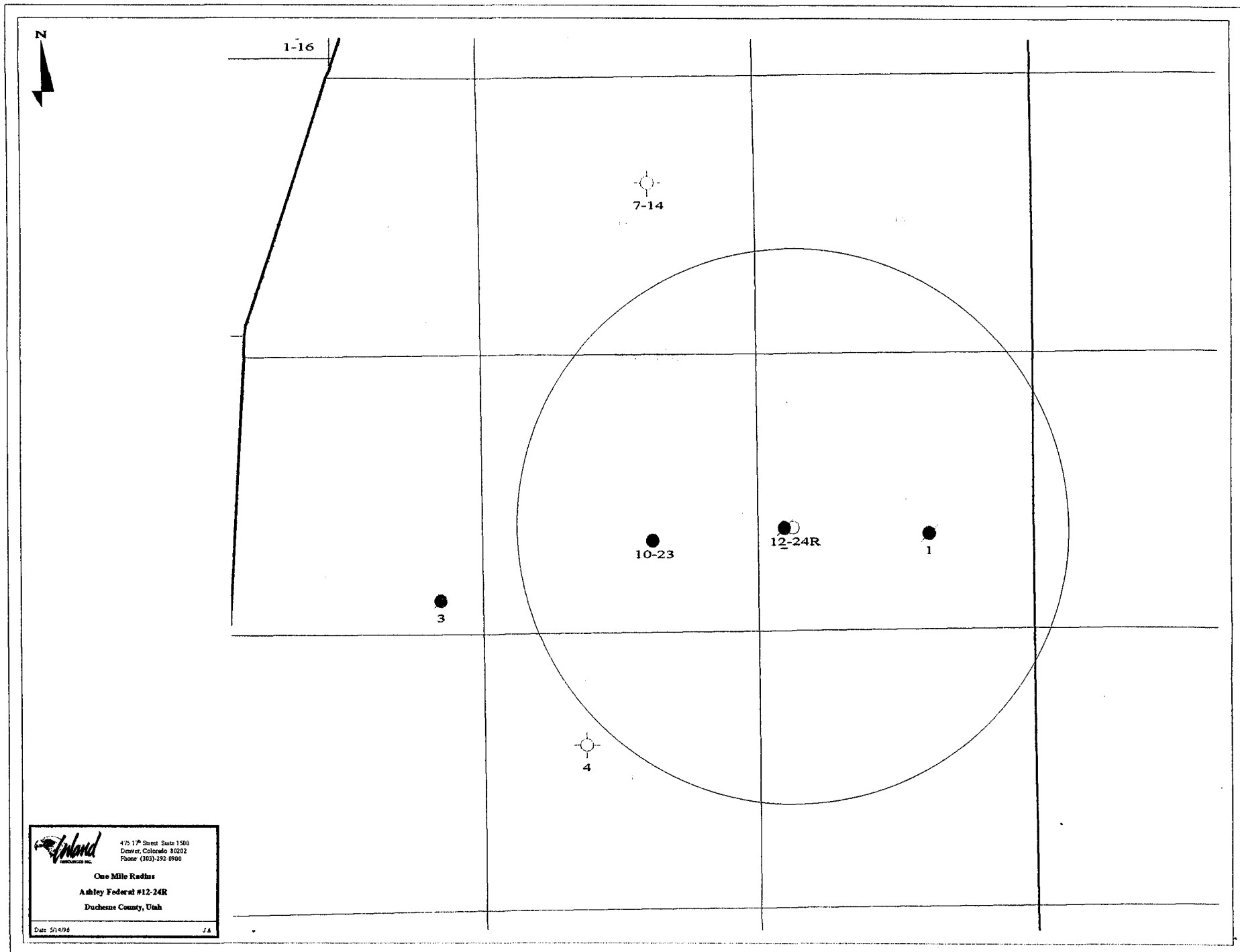
Ducheane Counties, Utah

Date: 5/7/96

J.A.



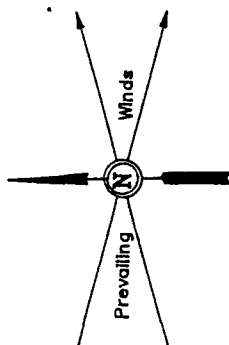
EXHIBIT "D"



INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

ASHLEY FEDERAL #12-24R
SECTION 24, T9S, R15E, S.L.B.&M.
2037' FSL 444' FWL



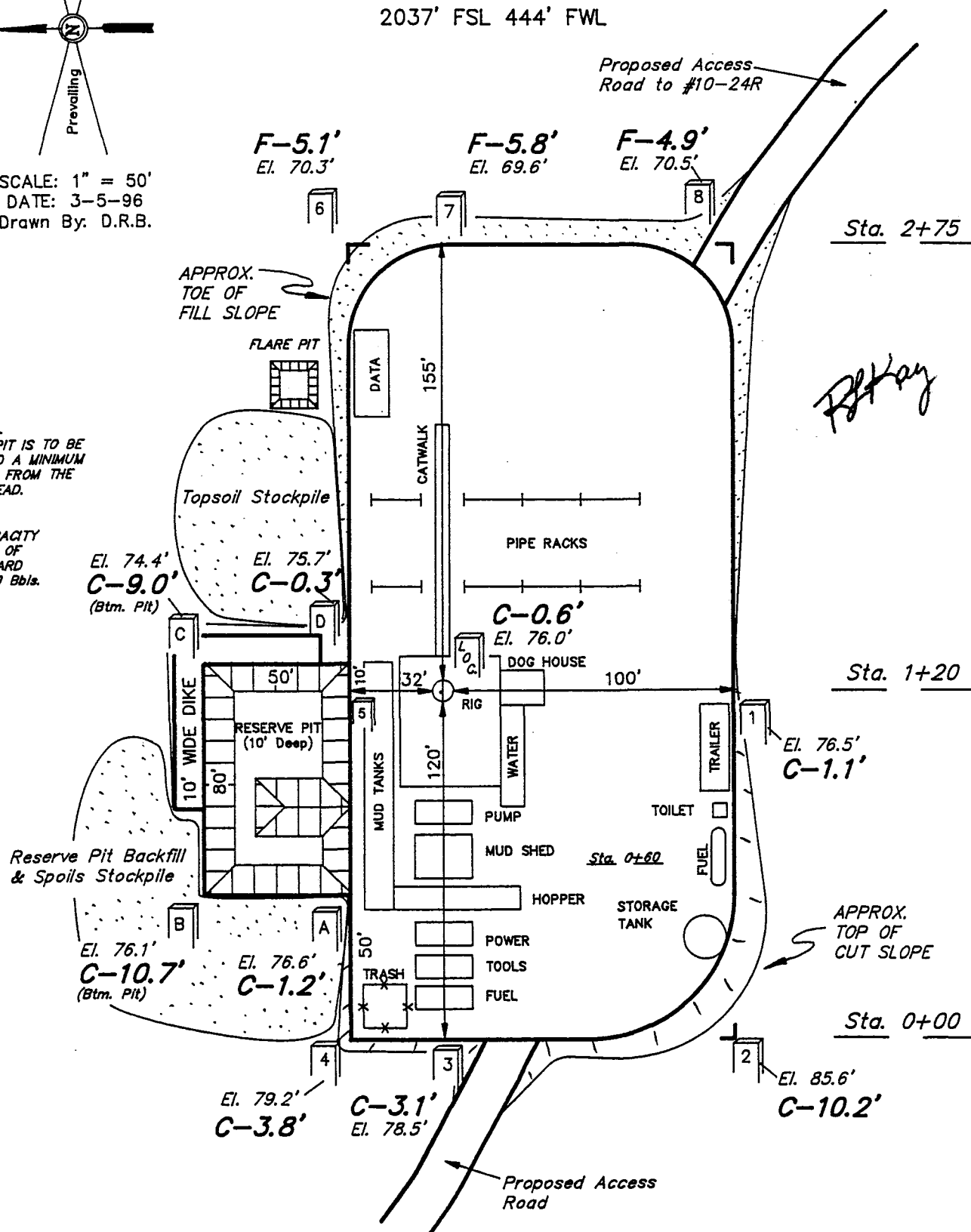
SCALE: 1" = 50'
DATE: 3-5-96
Drawn By: D.R.B.

Proposed Access
Road to #10-24R

NOTE:

FLARE PIT IS TO BE
LOCATED A MINIMUM
OF 125' FROM THE
WELL HEAD.

NOTE:
PIT CAPACITY
WITH 2' OF
FREEBOARD
= 3,090 Bbls.



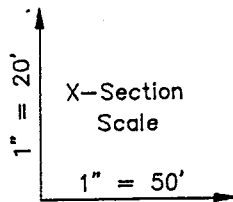
Elev. Ungraded Ground at Location Stake = 6276.0'
Elev. Graded Ground at Location Stake = 6275.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

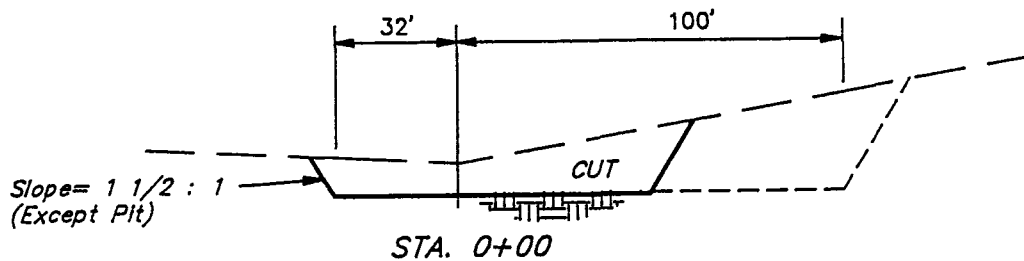
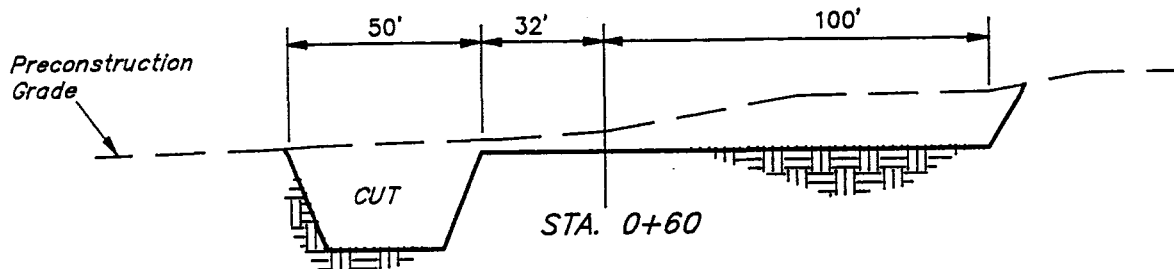
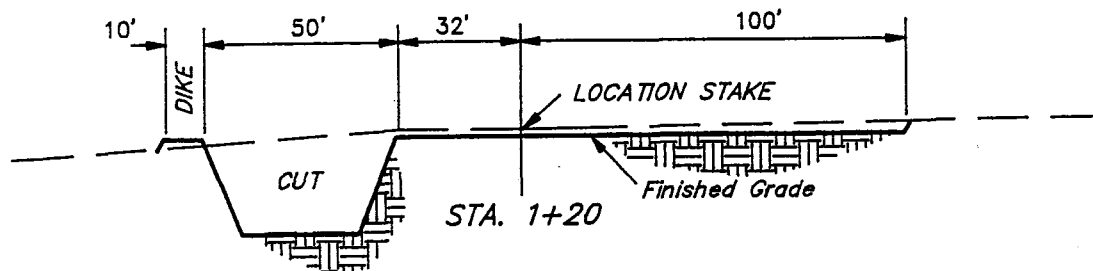
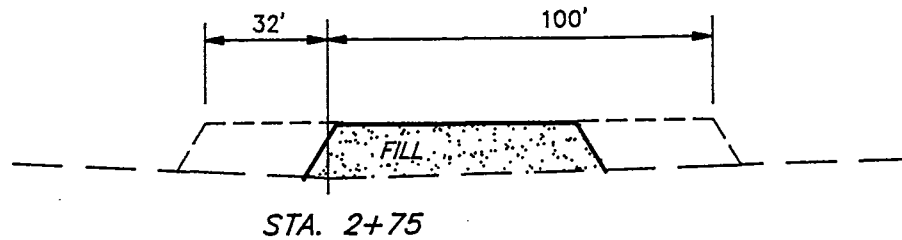
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

ASHLEY FEDERAL #12-24R
SECTION 24, T9S, R15E, S.L.B.&M.
2037' FSL 444' FWL



DATE: 3-5-96
Drawn By: D.R.B.



APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 750 Cu. Yds.
Remaining Location = 3,040 Cu. Yds.

TOTAL CUT = 3,790 CU.YDS.

FILL = 2,450 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 1,210 Cu. Yds.

Topsoil & Pit Backfill = 1,210 Cu. Yds.
(1/2 Pit Vol.)

EXCESS MATERIAL After = 0 Cu. Yds.
Reserve Pit is Backfilled &
Topsoil is Re-distributed

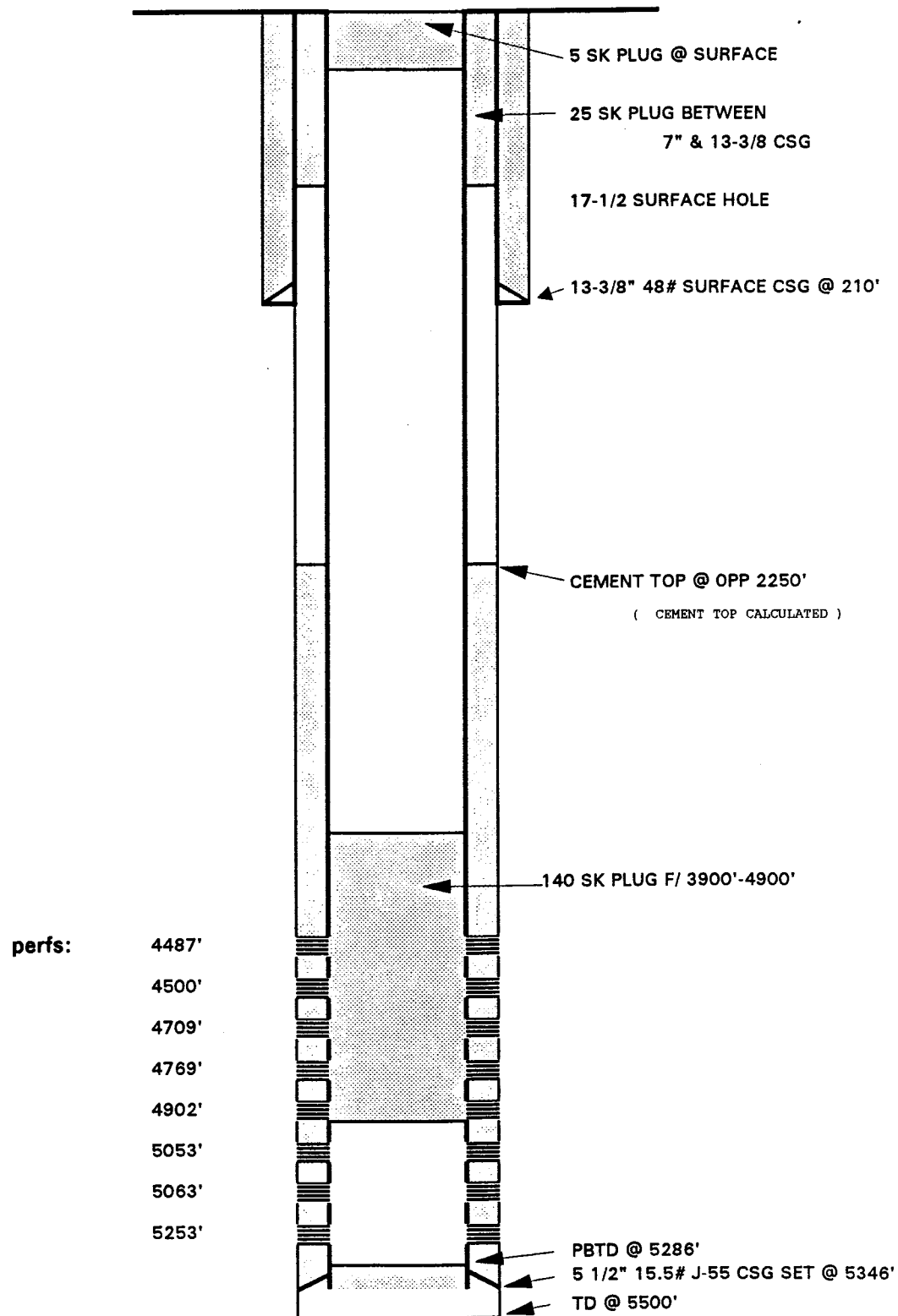
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

12-24R.DHD

ASHLEY FEDERAL #12-24R

NW/SW SECTION 24, T9S, R15E

DUCHESNE COUNTY, UTAH



BM 5/21/96

A CULTURAL RESOURCES SURVEY OF
ASHLEY FEDERAL WELLS #9-23, #10-24R, #11-24, #12-24R
AND ACCESS ROADS NEAR WELLS DRAW, DUCHESNE COUNTY, UTAH

by

Heather M. Weymouth
Senior Archaeologist

Prepared for:

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 95-UT-54630

and

Utah State Antiquities Permit No. U-96-SJ-0119b

Archaeological Report No. 855-01

March 12, 1996

INTRODUCTION

In February 1996, Inland Production Company (Inland) of Roosevelt, Utah requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of Inland's Ashley Federal wells #9-23 (1980' FSL 660' FEL), #10-24R (1684' FSL 1945' FEL), #11-24 (2008' FSL 1970' FWL) and #12-24R (2037' FSL 444' FWL) located on lands controlled by the Bureau of Land Management (BLM) in Duchesne County, Utah (Figure 1).

The proposed wells are located in T. 9S., R. 15E., S. 23 and 24 on USGS 7.5' Quadrangle Myton SW, Utah (1964). The project was carried out by Heather M. Weymouth and Lynita S. Langley on March 6, 1996 under authority of Cultural Resources Use Permit No. 95UT54630 and Utah State Antiquities Permit No. U-96-SJ-0118b.

A file search for previously recorded cultural resource sites and paleontological localities located near the current project area was conducted by Heather M. Weymouth and Lynita S. Langley on February 23, 1996 at the BLM, Vernal District Office to determine if any cultural resource projects had been conducted or sites recorded in or near the current project area. An additional file search was conducted by Michael R. Polk at the Division of State History, Utah State Historic Preservation Office, Salt Lake City on February 21, 1996.

More than 15 previous cultural resources projects have been conducted in the area of the current project. Due to the large number of projects conducted in this area, individual project descriptions will not be listed. However, two cultural resource sites are listed as being located near the current project area. Following is a brief description of these sites:

Cultural Resource Sites

Site 42Dc344. This site, located just north of an ephemeral wash near Wells Draw, is a light lithic scatter consisting of three lithic flakes, a core, and a projectile point tip fragment. This site has not been evaluated for eligibility to the National Register of Historic Places (NRHP).

Site 42Dc553. This site, located at the west edge of a low sandstone bench and just east of a dry wash, consists of an open lithic scatter with a possible eroded hearth. This site was recommended ELIGIBLE to the NRHP.

No paleontological localities are listed as being in the vicinity of the current project area. In addition to these searches, the NRHP was consulted prior to conducting the survey. No NRHP listed or determined eligible sites were found to be in the vicinity of the current project area.

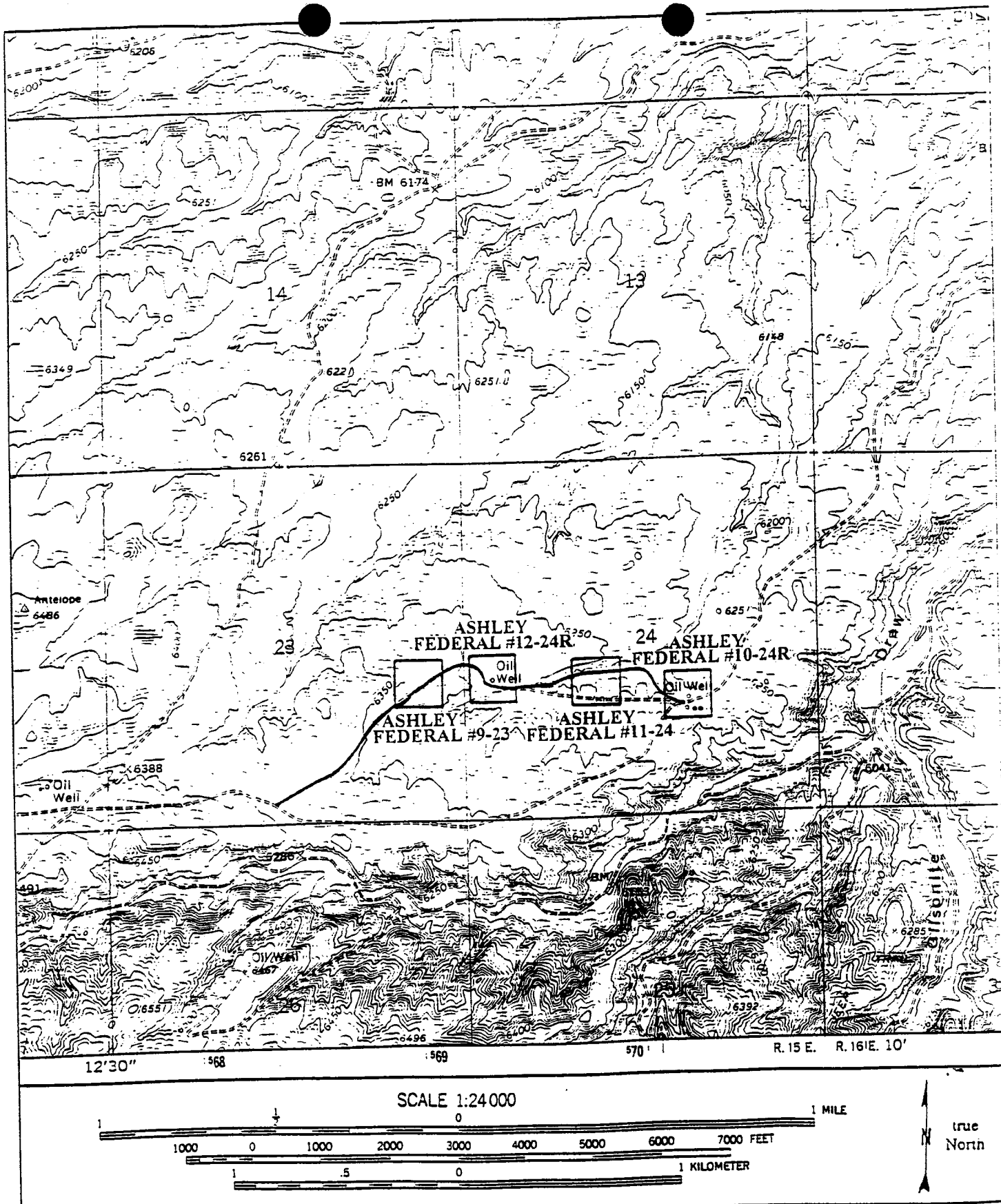


Figure 1. Location of Inland Resources Corporation's Ashley Federal Wells #9-23, #10-24R, #11-24, #12-24R and access roads. Taken from USGS 7.5' Quadrangle Myton SW, Utah (1964).

ENVIRONMENT

The project area lies approximately 12 miles south of Myton, Utah just west of Wells Draw. The well pads and access roads lie in an area of low rolling tablelands divided by seasonally flowing drainages. Soils in these areas are poorly developed and extremely sandy in nature. Sediments consist of very fine grained buff to green colored sand with areas of angular rock fragments composed of mudstone, limestone and sandstone. The elevation of the area surveyed ranges between 6220 and 6400 feet (ft) a.s.l. Vegetation in the project area covers approximately 20 percent of the surface and is predominantly shadscale and Pinyon-Juniper community species. Noted species include pinyon pine, juniper, prickly pear cactus, small sagebrush and a variety of low grasses. Many seasonally flowing drainages and washes are present in the vicinity of the project area. These seasonal water sources were likely the primary source of water in this area prehistorically and historically. Natural disturbance in the area consists primarily of sheetwash erosion and arroyo cutting. Cultural disturbance includes existing well pad locations, pipelines, access roads, and grazing of livestock.

METHODOLOGY

The project area consists of four 40,469 m² (10 acre) parcels of land 201-by-201 m (660-by-660 ft) centered on the proposed well heads and access roads connecting the well locations to existing roadways. The well pads were inventoried by Heather M. Weymouth and Lynita S. Langley walking parallel transects spaced no more than 15 m (50 ft) apart. The access roads, which totaled 2.25 km (1.4 miles) in length, were each walked in two parallel transects spaced 10 m (32 ft) apart to cover a corridor width of 100 ft (30 m). The area surveyed during this project (including well pads and access roads) totaled 230,671 m² (57 acres)

RESULTS

No cultural resources sites nor paleontological localities were found as a result of this inventory.

RECOMMENDATIONS

Since there were no cultural resources nor paleontological resources found, cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/31/96

API NO. ASSIGNED: 43-013-15782

WELL NAME: ASHLEY FED 12-24R (REENTRY)
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

NWSW 24 - T09S - R15E
SURFACE: 2037-FSL-0444-FWL
BOTTOM: 2037-FSL-0444-FWL
DUCHESNE COUNTY
CASTLE PEAK FIELD (075)

LEASE TYPE: FED
LEASE NUMBER: U - 02458

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

| TECH REVIEW | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State[] Fee[]
(Number 4488944)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number INTERCOM WELL 2-32)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
___ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
___ Board Cause no: _____
___ Date: _____

COMMENTS: _____

STIPULATIONS: _____

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

| | |
|---------------------------------------|--|
| Operator: INLAND PRODUCTION CO | Well Name: ASHLEY FED 12-24R |
| Project ID: 43-013-15782 | Location: SEC. 24 - T09S - R15E |

Design Parameters:

Mud weight (7.00 ppg) : 0.364 psi/ft
 Shut in surface pressure : 1731 psi
 Internal gradient (burst) : 0.049 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

| Length (feet) | | Size (in.) | Weight (lb/ft) | Grade | Joint | Depth (feet) | Drift (in.) | Cost |
|------------------|---|---------------|-------------------|------------------------|----------------------------|-----------------|--|------------|
| 1 | 5,500 | 5.500 | 15.50 | J-55 | LT&C | 5,500 | 4.825 | |
| | Collapse Load Strgth S.F. (psi) (psi) | | | Burst Load (psi) | Min Int Strgth (psi) | Yield S.F. | Tension Load Strgth S.F. (kips) (kips) | |
| 1 | 2000 | 4040 | 2.020 | 2000 | 4810 | 2.40 | 85.25 | 217 2.55 J |

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 07-03-1996
 Remarks :

RE-ENTRY

Minimum segment length for the 5,500 foot well is 1,500 feet.

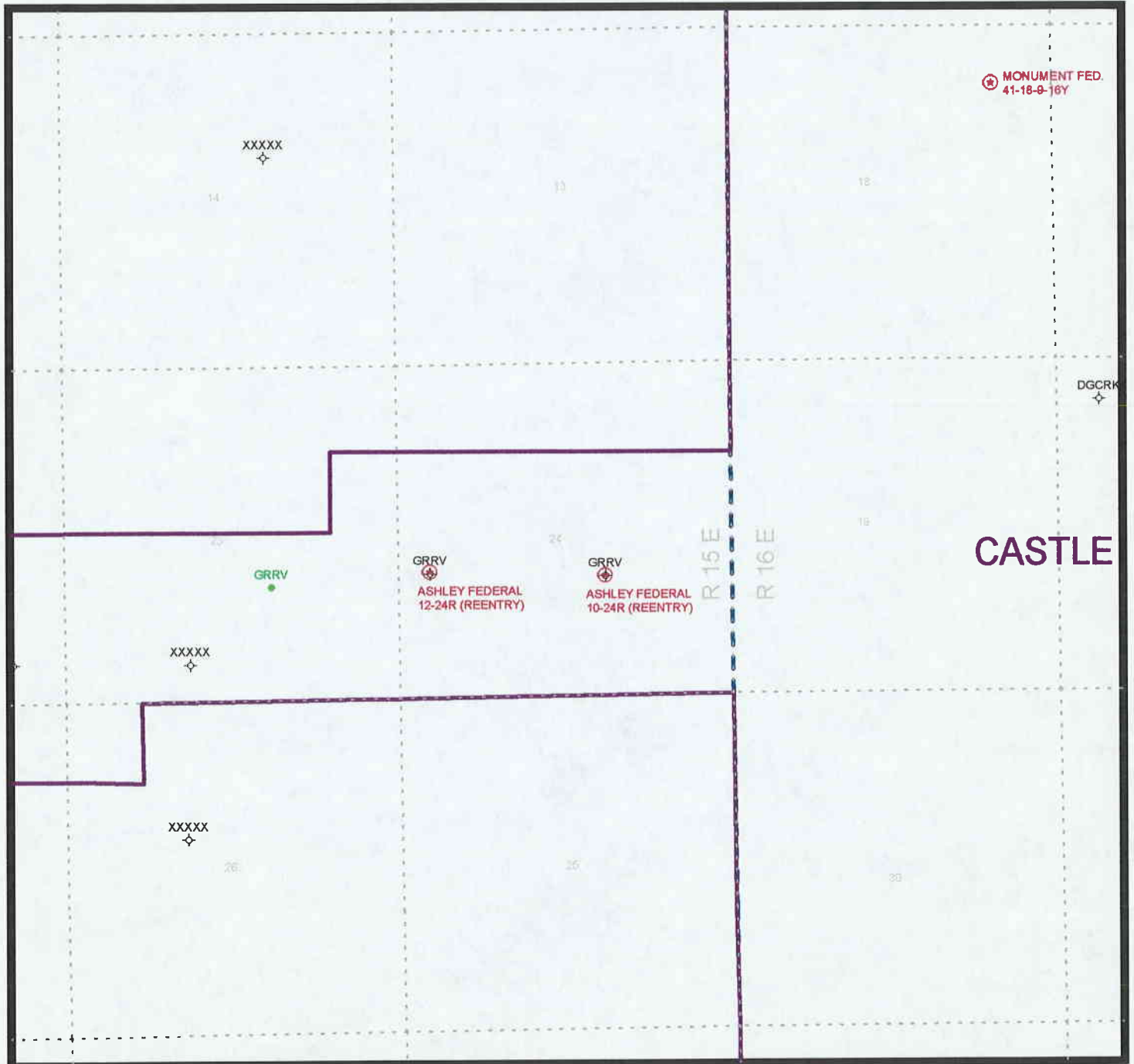
SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 112°F (Surface 74°F , BHT 151°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.364 psi/ft and 2,000 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

INLAND PRODUCTION COMPANY
DEVELOPMENT DRILLING
SEC. 24, T9S, R15E,
DUCHESNE, COUNTY UAC R649-3-2



PREPARED:
DATE: 30-MAY-96



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 3, 1996

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066


Re: Ashley Federal 12-24R Well, 2037' FSL, 444' FWL,
NW SW, Sec. 24, T. 9 S., R. 15 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-15782.

Sincerely,


R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office



Operator: Inland Production Company
Well Name & Number: Ashley Federal 12-24R
API Number: 43-013-15782
Lease: U-02458
Location: NW SW Sec. 24 T. 9 S. R. 15 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.



June 4, 1996

*State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Three Triad Center Suite 350
Salt Lake City, Utah 84180-1203*

ATTENTION: Mike Hebertson

**RE: Ashley Federal #12-24R
NW/SW Sec. 24, T9S, R15E
Duchesne County, Utah**

Dear Mike,

I am faxing you the information that you requested, per Sundry Notice, on the surrounding Sections of Section 24, and the percentage of operator rights.

If additional information is needed, please do not hesitate to call me in the Roosevelt office, (801) 722-5103.

Sincerely,

**Cheryl Cameron
Regulatory Compliance Specialist**

*/cc
Enclosures*

Inland Production Company Field Office • P.O. Box 1446 • Roosevelt, UT 84066 • 801-722-5103 • FAX 801-722-9149

475 Seventeenth Street, Suite 1500, Denver, CO 80202 • 303-292-0900 • FAX 803-296-4070

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SW 444' FWL & 2037' FSL
Sec. 24, T9S, R15E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-02458

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Ashley Unit

8. Well Name and No.

Ashley Federal #12-24R

9. API Well No.

43-013-15782

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other Ashley Unit Operator

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log (both).)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company (operator of the Ashley Unit) owns 75% of the operating rights in Utah Federal Lease #U-66185, including (but not limited to) lands in Sec. 23: NE/NE, W/2NE, SW/SE, S/2NW, E/2SW; Sec. 24: N/2N2; Sec. 25: ALL; and Sec. 26: NE, offsetting the #12-24R.

14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 6/4/96

(This space for Federal or State office use)

Approved by 43-013-15782

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-02458

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Ashley Unit

8. Well Name and No.

Ashley Federal #12-24R

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SW 444' FWL & 2037' FSL

Sec. 24, T9S, R15E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

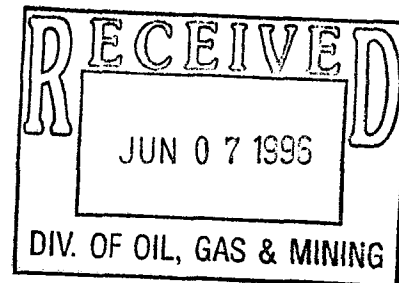
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Ashley Unit Operator**

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company (operator of the Ashley Unit) owns 75% of the operating rights in Utah Federal Lease #U-66185, including (but not limited to) lands in Sec. 23: NE/NE, W/2NE, SW/SE, S/2NW, E/2SW; Sec. 24: N/2N2; Sec. 25: ALL; and Sec. 26: NE, offsetting the #12-24R.



14. I hereby certify that the foregoing is true and correct

Signed **Cheryl Cameron** Title **Regulatory Compliance Specialist** Date **6/4/96**

(This space for Federal or State office use)

Approved by **43-013-15792**

Conditions of approval, if any:

Title **Petroleum Engineer**

Date **7/3/96**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER RE-ENTRY

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW/SW

At proposed prod. zone

444' FWL & 2037' FSL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

4836'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1104'

19. PROPOSED DEPTH

5500'

20. ROTARY OR CABLE TOOLS

Workover Rig

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6275.4' GR

22. APPROX. DATE WORK WILL START*

Third quarter 1996

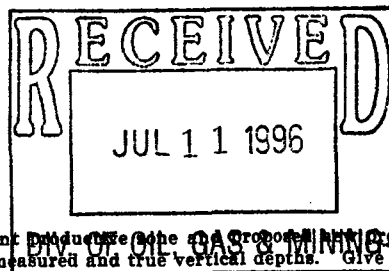
23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| | 13 3/8" | 48# | 210' | 300 sx in place |
| | 5 1/2" | 14# | 5346' | 520 sx |

Inland Production Company is proposing to enter the existing well bore by drilling out the cement plugs as follows: 140 sx cement plug from 3900' - 4900', 25 sx cement plug in 13 3/8" X 5 1/2" annulus, 5 sx cement plug in 5 1/2" csg. The well was originally drilled to 5500'. Inland does not plan to deepen the well.

Inland Production Company is requesting that the Castle Peak Unit #2 API #43-013-15782, be renamed the Ashley Federal #12-24R.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Brad Meckham
Brad Meckham

TITLE Operations Manager

DATE 5/15/96

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Assistant Field Manager

APPROVED BY

Mineral Resources

DATE 7/3/96

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

NOTICE

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Fed. 12-24R

API Number: 43-013-15782

Lease Number: U-02458

Location: NWSW Sec. 24 T. 9S R. 15E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall be a functionally operable **3M** system installed and function tested prior to initiating drill out of any plugs.

3. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

4. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

5. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATIONS
Conditions of Approval (COAs)

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

-All vehicle travel will be confined to existing access road rights-of-way.

-A wildlife guzzler is located just to the north of this well. If the activity of producing this well causes wildlife to abandon the use of the guzzler, Inland may be asked to develop another guzzler on an adjoining site.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: ASHLEY FEDERAL 12-24R (RE-ENTRY)

Api No. 43-013-15782

Section 24 Township 9S Range 15E County DUCHESNE

Drilling Contractor BASIN WELL SWABBING

Rig #:

SPUDDED:

Date: 8/22/96

Time:

How: ROTARY

Drilling will commence:

Reported by: D. INGRAM-DOGM

Telephone #:

Date: 9/5/96 Signed: FRM

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPROVED

Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

 NW/SW 444' FWL & 2037' FSL
 SEC. 24, T9S, R15E

5. Lease Designation and Serial No.

U-02458

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Ashley Fed 12-24R (RE-ENTRY)

9. API Well No.

43-013-15782

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

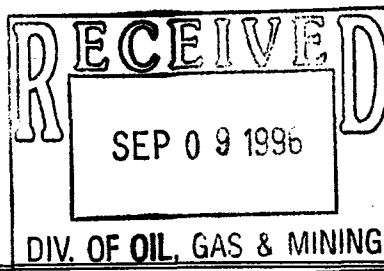
TYPE OF ACTION

☐ Notice of Intent☐ Abandonment☐ Change of Plans☒ Subsequent Report☒ Recompletion☐ New Construction☐ Final Abandonment Notice☐ Plugging Back☐ Non-Routine Fracturing☐ Casing repair☐ Water Shut-off☐ Altering Casing☐ Conversion to Injection☐ Other *Weekly Status*☐ Dispose Water
(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WEEKLY STATUS REPORT FOR WEEK OF 8/19/96-8/24-96

Latch onto dry hole marker, jar out of 5 1/2 csg w/ Basin, Rig #6 PU 4 3/4" mill & 3 1/2" collars & drill cmt plug from surf-164'. Tag cmt top @ 3909'. Mill cmt f/ 3971'-4062'. Drill cmt f/ 4062'-4909'. Tag PBTD @ 5281'. Run bond f/ 5282'-cmt top @ 3900.



14. I hereby certify that the foregoing is true and correct

 Signed *Cheryl Cameron* Regulatory Compliance Specialist Date *8/30/96*

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

*NW/SW 444' FWL & 2037' FSL**Sec. 24, T9S, R15E*

5. Lease Designation and Serial No.

U-02458

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Ashley Fed 12-24R

9. API Well No.

43-013-15782

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

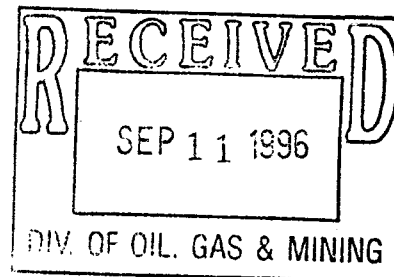
- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other Weekly status
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

*Weekly Status Report for week of 8/25/96-8/29/96**Perf A-3 sd @ 5046'-5068' & Frac**Perf A- 0.5 sd @ 4901'-4907' & Frac**Perf B-2 sd @ 4823'- 4829' & Frac*

14. I hereby certify that the foregoing is true and correct

Signed *Cheryl Cameron* Title*Regulatory Compliance Specialist*Date *9/5/96*

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



September 11, 1996

State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-5801

ATTENTION: Lisha Cordova

RE: Boundary Federal #6-20
SE/NW Sec. 20, T8S, R17E
Duchesne County, Utah

Ashley Federal #10-24R
NW/SE Sec. 24, T9S, R15E
Duchesne County, Utah

Ashley Federal #12-24R
NW/SW Sec. 24, T9S, R15E
Duchesne County, Utah

Dear Lisha,

I am faxing Entity Action Form - 6, for the new Entity No., on the above referenced locations.

Please call me at your convenience, with the new numbers at (801) 722-5103.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

/cc
Enclosures

ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production CO.

OPERATOR ACCT. NO. # 5160

ADDRESS P.O. Box 1446

Roosevelt, UT 84066

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
|------------------|--------------------|----------------|--------------|-------------------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | Q4 | SC | TP | RS | | | |
| | 99999 | 11991 | 43-013-31626 | Boundary Fed # 6-20 | SE/NW | 20 | 8S | 17E | Duchesne | 9/9/96 | 9/9/96 |
| WELL 1 COMMENTS: | | | | | | | | | | | |
| | 99999 | 11992 | 43-013-15781 | Ashley Federal # 10-24R | NW/SE | 24 | 9S | 15E | Duchesne | 9/8/62 | |
| WELL 2 COMMENTS: | | | | | | | | | | | |
| | 99999 | 11993 | 43-013-15782 | Ashley Federal # 12-24R | NW/SE | 24 | 9S | 15E | Duchesne | 12/15/62 | 8-19-96 |
| WELL 3 COMMENTS: | | | | | | | | | | | |
| | | | | | | | | | | | |
| WELL 4 COMMENTS: | | | | | | | | | | | |
| | | | | | | | | | | | |
| WELL 5 COMMENTS: | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

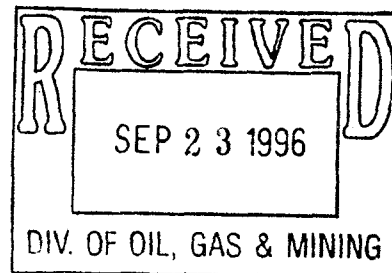
Cheryl Cameron *[Signature]*
Regulatory Compliance Specialist
Title Date

Phone No. (801) 722-5103



September 19, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078



ATTENTION: Ed Forsman

RE: Tar Sands Federal #5-30 ✓
SW/NW Sec. 30, T8S, R17E

Ashley Federal #12-24R ✓
NW/SW Sec. 24, T9S, R15E

Tar Sands Federal #5-33 ✓
SW/NW Sec. 33, T8S, R17E

Monument Butte Federal NE #13-24 ✓
Sec. 24, T8S, R17E

Dear Ed,

Enclosed is the original, and two copies (each) of the Sundry Notices and Reports on wells, for the above referenced locations. Copies will also be submitted to the State of Utah.

Please contact me in the Roosevelt office (801 722-5103), if you have questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

cc: State of Utah
Division of Oil Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well



Oil Well



Gas well



Other

2. Name of Operator

Inland Production

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SW 444' FWL & 2037' FSL
SEC. 24, T9S, R15E**

5. Lease Designation and Serial No.

U-02458

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Ashley Fed 12-24R

9. API Well No.

43-013-15782

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing repair



Altering Casing

Other **Weekly Status**

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-off



Conversion to Injection



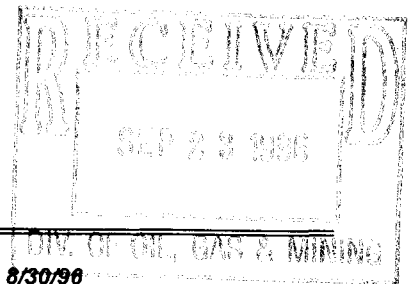
Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WEEKLY STATUS REPORT FOR WEEK OF 8/19/96-8/24/96

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*****Revised*******Spud on 8/20/96**

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

8/30/96

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SW 444' FWL & 2037' FSL
SEC. 24, T9S, R15E**

5. Lease Designation and Serial No.

U-02458

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Ashley Fed 12-24R

9. API Well No.

43-013-15782

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, UT**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- | | |
|---|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input checked="" type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| <input type="checkbox"/> Casing repair | <input type="checkbox"/> Water Shut-off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input type="checkbox"/> Other <u>Weekly Status</u> | <input type="checkbox"/> Dispose Water |

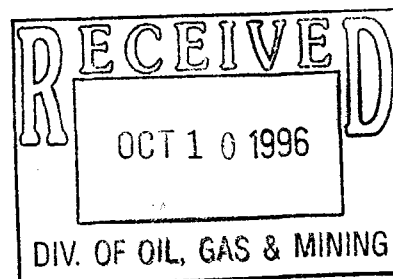
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WEEKLY STATUS REPORT FOR WEEK OF 8/31/96 - 9/6/96:

Perf C sd 4728' - 4732', 4715' - 4718', 4706' - 4709'

Perf D-3 sd 4676' - 4681', 4668' - 4671' & frac

RIH w/ production string**ON PRODUCTION 9/6/96**

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance SpecialistDate **9/20/96**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | | | | | | | | | | | | | |
|--|--|---|------------------------------------|---|------------------------------------|--|-----------------------|---|--|----------------|--|-------------------------|--|-----------------------|--|
| 1a. TYPE OF WELL: | | OIL WELL <input checked="" type="checkbox"/> | GAS WELL <input type="checkbox"/> | DRY <input type="checkbox"/> | Other _____ | | | | | | | | | | |
| b. TYPE OF COMPLETION: | | NEW WELL <input type="checkbox"/> | WORK OVER <input type="checkbox"/> | DEEP-EN <input type="checkbox"/> | PLUG BACK <input type="checkbox"/> | DIFF. RESVR. <input checked="" type="checkbox"/> | Other <u>Re-Entry</u> | | | | | | | | |
| 2. NAME OF OPERATOR Inland Production Company | | | | | | | | | | | | | | | |
| 3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 (801) 789-1866 | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW/SW At top prod. interval reported below 444' FWL & 2037' FSL At total depth _____ | | | | | | | | | | | | | | | |
| 14. PERMIT NO. 43-013-15782 | | | | DATE ISSUED 1963 | | | | | | | | | | | |
| 15. DATE SPUDDED 8/20/96 | 16. DATE T.D. REACHED 8/23/96 | 17. DATE COMPL. (Ready to prod.) 9/6/96 | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6275.4' GR | | 19. ELEV. CASINGHEAD --- | | | | | | | | | |
| 20. TOTAL DEPTH, MD & TVD 5346' | 21. PLUG, BACK T.D., MD & TVD 5281' | 22. IF MULTIPLE COMPL., HOW MANY* 2 | | 23. INTERVALS DRILLED BY → | ROTARY TOOLS X | CABLE TOOLS --- | | | | | | | | | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5046'-5068', 4901'-4907', 4823'-4829', 4728'-4732', 4715'-4718', 4706'-4709', 4676'-4681', 4668'-4671' | | | | | | 25. WAS DIRECTIONAL SURVEY MADE No | | | | | | | | | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN CBL (currently) The Bureau of Land Management & UT Div of Oil Gas & Mining | | | | | | 27. WAS WELL CORED No | | | | | | | | | |
| 30. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | | |
| CASINO SIZE | | WEIGHT, LB./FT. | | DEPTH SET (MD) | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED | | | | | |
| 13 3/8 | | 48# | | 210' | | | | 300 sx in place | | | | | | | |
| 5 1/2 | | 14# | | 5346' | | | | 520 sx | | | | | | | |
| Drl cmt plug from surf - 164'. Mill cmt f/ 3971'-4062'. Drl cmt from 4062'-4909' | | | | | | | | | | | | | | | |
| 29. LINER RECORD | | | | | | 30. TUBING RECORD | | | | | | | | | |
| SIZE | | TOP (MD) | | BOTTOM (MD) | | SACKS CEMENT* | | SCREEN (MD) | | SIZE | | DEPTH SET (MD) | | PACKER SET (MD) | |
| | | | | | | | | | | | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) | | | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | | | | | |
| A-3 Sd @ 5046'-5068' A-0.5 Sd @ 4901'-4907', B-2 sd @ 4923'-4829' C Sd @ 4728'-4732', 4715'-4718', 4706'-4709' D-3 Sd @ 4676'-4681', 4668'-4671' | | | | | | DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | | | | | | | |
| | | | | | | See Back | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 33. PRODUCTION | | | | | | | | | | | | | | | |
| DATE FIRST PRODUCTION 9/6/96 | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2" X 1 1/2" X 15' RHAC pump | | | | | | WELL STATUS (Producing or shut-in) producing | | | | | | | |
| DATE OF TEST 14 day Avg | | HOURS TESTED 9/96 | | CHOKE SIZE N/A | | PROD'N. FOR TEST PERIOD → | | OIL—BBL. 32 | | GAS—MCF. 30 | | WATER—BBL. 4 | | GAS-OIL RATIO .938 | |
| FLOW. TUBING PRESS. | | CASING PRESSURE | | CALCULATED 24-HOUR RATE → | | OIL—BBL. | | GAS—MCF. | | WATER—BBL. | | OIL GRAVITY-API (CORR.) | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel | | | | | | | | | | | | TEST WITNESSED BY | | | |
| 35. LIST OF ATTACHMENTS CBL in Item #26 | | | | | | | | | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Regulatory SIGNED Cheryl Cameron TITLE Compliance Specialist DATE 10/11/96 | | | | | | | | | | | | | | | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries): | | | | | | 38. GEOLOGIC MARKERS | | | |
|---|--|--|-----|--------|--|-----------------------------|------|-------------|------------------|
| FORMATION | FROM | | TO | | TOTAL FEET | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
| | TOP | BOTTOM | TOP | BOTTOM | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| sh, sd, lime dolo sh oil shale lime, sh, sd sd & sh red sh & sd | 0 1168' 1475' 3100' 4350' 5420' | 1168' 1475' 3100' 4350' 5420' 5500' | | | 1168' 307' 1625' 1250' 1070' 80' #32. Perf A-3 sd @ 5046'-5068' Frac via tbgs w/ 77,700# 20/40 sd in 395 bbls gel Perf A-0.5 sd @ 4901'-4907' Perf B-2 sd @ 4823'-4829' Screened out w/ 6.5# @ perfs w/ 14,000# sd in formation & 10,000# sd in tbgs. Total Fluid - 194 bbls gel Perf C sd @ 4728'-4732', 4715'-4718' 4706'-4709' Perf B-3 sd @ 4676'-4681', 4668'-4671' Frac w/ 75,200# 20/40 sd in 463 bbls gel | | | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-02458

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

ASHLEY (GR RVR)

8. Well Name and No.

ASHLEY FEDERAL 12-24R (RE-ENTRY)

9. API Well No.

43-013-15782

10. Field and Pool, or Exploratory Area

CASTLE PEAK

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2037 FSL 0444 FWL NW/SW Section 24, T09S R15E

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

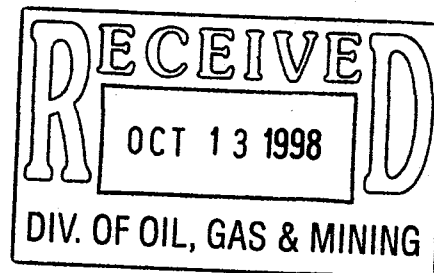
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Site Security**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Rebecca E. Knight

Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CCC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

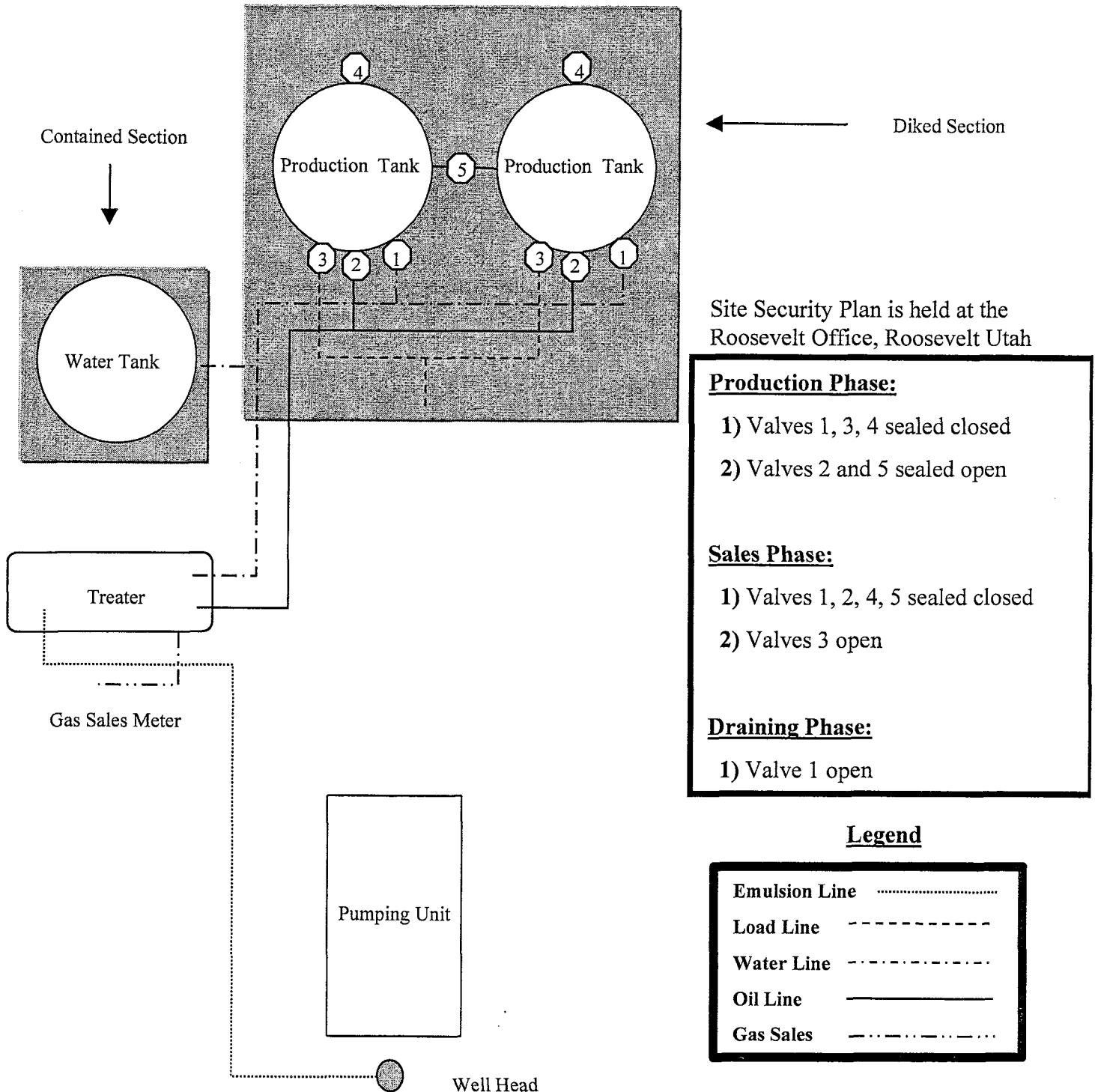
Inland Production Company Site Facility Diagram

Ashley 12-24R

NW/SW Sec. 24, T9S, 15E

Duchesne County

May 12, 1998



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address

INLAND PRODUCTION COMPANY

P.O. BOX 1446

ROOSEVELT

UT 84066

Utah Account No: N5160

Report Period (Month/Year) 04/98

Amended Report | | (Highlight Changes)

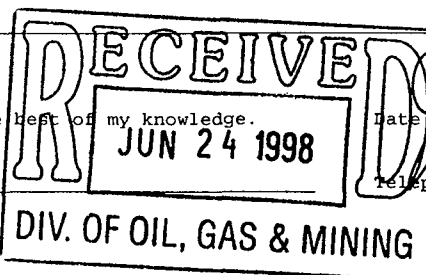
| Well Name | | | Producing | Well | Days | Production Volume | | |
|------------------------------|--------|-----------|-----------|--------|-------|-------------------|------------|-------------|
| API Number | Entity | Location | Zone | Status | Oper | OIL (BBL) | GAS (MSCF) | WATER (BBL) |
| 11-22 MONUMENT FEDERAL | | | | | | | | |
| 4301331647 | 11986 | 22 9S 16E | GRRV | POW | 30 | 111 | 810 | 0 |
| 31-5 MONUMENT FEDERAL | | | | | | | | |
| 4301331680 | 11987 | 5 9S 17E | GRRV | POW | 31 36 | 0 | 53 | 0 |
| 6-20 BOUNDARY FEDERAL | | | | | | | | |
| 4301331626 | 11991 | 20 8S 17E | GRRV | POW | 7 | 29 | 195 | 282 |
| 10-24R ASHLEY FEDERAL | | | | | | | | |
| 4301315781 | 11992 | 24 9S 15E | GRRV | POW | 30 | 196 | 330 | 0 |
| 12-24R ASHLEY FEDERAL | | | | | | | | |
| 4301315782 | 11993 | 24 9S 15E | GRRV | POW | 30 | 144 | 923 | 0 |
| 24-17 MONUMENT FEDERAL | | | | | | | | |
| 4301331682 | 11994 | 17 9S 16E | GRRV | SOW | 0 | 0 | 0 | 0 |
| 10-2 MONUMENT BUTTE STATE | | | | | | | | |
| 4301331565 | 12013 | 2 9S 16E | GRRV | POW | 30 | 566 | 849 | 0 |
| 23-7 MONUMENT FEDERAL | | | | | | | | |
| 4301331694 | 12019 | 7 9S 16E | GRRV | POW | 30 | 443 | 859 | 0 |
| 33-22 MONUMENT FEDERAL | | | | | | | | |
| 4301331588 | 12024 | 22 8S 17E | GRRV | POW | 15 | 106 | 195 | 0 |
| 7-21 BOUNDARY FEDERAL | | | | | | | | |
| 4301331640 | 12025 | 21 8S 17E | GRRV | POW | 30 | 234 | 1630 | 40 |
| 4-34I MONUMENT BUTTE FEDERAL | | | | | | | | |
| 4301331669 | 12027 | 34 8S 16E | GRRV | POW | 28 | 143 | 2332 | 0 |
| 23-22Y MONUMENT FEDERAL | | | | | | | | |
| 4301331702 | 12031 | 22 8S 17E | GRRV | POW | 12 | 43 | 156 | 0 |
| 41-6Y MONUMENT FEDERAL | | | | | | | | |
| 4301331718 | 12043 | 6 9S 16E | GRRV | POW | 30 | 153 | 1183 | 55 |
| TOTAL | | | | | | 2168 | 9515 | 377 |

Comments:

I hereby certify that this report is true and complete to the best of my knowledge.

Name & Signature:

(6/93)



Date:

June 16, 1998
Telephone: (435) 722-5103

400.12 Acres



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

| | | | | | |
|---------|--------|--------|--------|-------|--------|
| UTSL- | 15855 | 61052 | 73088 | 76561 | |
| 071572A | 16535 | 62848 | 73089 | 76787 | |
| 065914 | 16539 | 63073B | 73520A | 76808 | |
| | 16544 | 63073D | 74108 | 76813 | |
| | 17036 | 63073E | 74805 | 76954 | 63073X |
| | 17424 | 63073O | 74806 | 76956 | 63098A |
| | 18048 | 64917 | 74807 | 77233 | 68528A |
| UTU- | 18399 | 64379 | 74808 | 77234 | 72086A |
| | 19267 | 64380 | 74389 | 77235 | 72613A |
| 02458 | 26026A | 64381 | 74390 | 77337 | 73520X |
| 03563 | 30096 | 64805 | 74391 | 77338 | 74477X |
| 03563A | 30103 | 64806 | 74392 | 77339 | 75023X |
| 04493 | 31260 | 64917 | 74393 | 77357 | 76189X |
| 05843 | 33992 | 65207 | 74398 | 77359 | 76331X |
| 07978 | 34173 | 65210 | 74399 | 77365 | 76788X |
| 09803 | 34346 | 65635 | 74400 | 77369 | 77098X |
| 017439B | 36442 | 65967 | 74404 | 77370 | 77107X |
| 017985 | 36846 | 65969 | 74405 | 77546 | 77236X |
| 017991 | 38411 | 65970 | 74406 | 77553 | 77376X |
| 017992 | 38428 | 66184 | 74411 | 77554 | 78560X |
| 018073 | 38429 | 66185 | 74805 | 78022 | 79485X |
| 019222 | 38431 | 66191 | 74806 | 79013 | 79641X |
| 020252 | 39713 | 67168 | 74826 | 79014 | 80207X |
| 020252A | 39714 | 67170 | 74827 | 79015 | 81307X |
| 020254 | 40026 | 67208 | 74835 | 79016 | |
| 020255 | 40652 | 67549 | 74868 | 79017 | |
| 020309D | 40894 | 67586 | 74869 | 79831 | |
| 022684A | 41377 | 67845 | 74870 | 79832 | |
| 027345 | 44210 | 68105 | 74872 | 79833 | |
| 034217A | 44426 | 68548 | 74970 | 79831 | |
| 035521 | 44430 | 68618 | 75036 | 79834 | |
| 035521A | 45431 | 69060 | 75037 | 80450 | |
| 038797 | 47171 | 69061 | 75038 | 80915 | |
| 058149 | 49092 | 69744 | 75039 | 81000 | |
| 063597A | 49430 | 70821 | 75075 | | |
| 075174 | 49950 | 72103 | 75078 | | |
| 096547 | 50376 | 72104 | 75089 | | |
| 096550 | 50385 | 72105 | 75090 | | |
| | 50376 | 72106 | 75234 | | |
| | 50750 | 72107 | 75238 | | |
| 10760 | 51081 | 72108 | 76239 | | |
| 11385 | 52013 | 73086 | 76240 | | |
| 13905 | 52018 | 73087 | 76241 | | |
| 15392 | 58546 | 73807 | 76560 | | |

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

WELL(S)

| NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|--------------------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| ALLEN TRUST 7-24 | 24 | 040S | 020W | 4301330888 | 4970 | Fee | OW | P |
| WELLS DRAW ST 7-36 | 36 | 080S | 150E | 4301330934 | 9730 | State | GW | P |
| JENSEN 1 | 21 | 080S | 160E | 4301316208 | 10521 | Federal | NA | PA |
| PLEASANT VALLEY 1 | 21 | 080S | 160E | 4301330394 | 10520 | Federal | OW | P |
| LAMBERT FED 1 | 22 | 080S | 160E | 4301316207 | 10522 | Federal | OW | P |
| MONUMENT BUTTE ST 16-36R | 36 | 080S | 160E | 4301310159 | 11804 | State | OW | P |
| ASHLEY FED 10-24R | 24 | 090S | 150E | 4301315781 | 11992 | Federal | OW | P |
| ASHLEY FED 12-24R | 24 | 090S | 150E | 4301315782 | 11993 | Federal | OW | P |
| CASTLE PK ST 43-16 | 16 | 090S | 160E | 4301330594 | 1181 | State | OW | P |
| FEDERAL 9-23 | 23 | 090S | 160E | 4301330654 | 2655 | Federal | OW | P |
| FEDERAL 7-23 | 23 | 090S | 160E | 4301330662 | 10629 | Federal | OW | S |
| CASTLE PEAK FED 6-23 | 23 | 090S | 160E | 4301330873 | 9700 | Federal | OW | P |
| CASTLE PK FED 12-24 | 24 | 090S | 160E | 4301330588 | 2650 | Federal | OW | S |
| MONUMENT BUTTE 1-3 | 03 | 090S | 170E | 4301330642 | 12391 | Federal | OW | P |
| MONUMENT BUTTE 2-3 | 03 | 090S | 170E | 4301330810 | 12391 | Federal | OW | P |
| CASTLE DRAW 16-10-9-17 | 10 | 090S | 170E | 4301316218 | 8120 | Federal | OW | S |
| FEDERAL 15-1-B | 15 | 090S | 170E | 4301331023 | 10201 | Federal | OW | S |
| FRED MORRIS FED 19-1 | 19 | 090S | 170E | 4301330587 | 451 | Federal | OW | S |
| GOVERNMENT FOWLER 20-1 | 20 | 090S | 170E | 4301330563 | 9555 | Federal | OW | P |
| FED 41-30 | 30 | 090S | 170E | 4301330601 | 6095 | Federal | OW | P |
| | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

RECEIVED
JUL 14 2005
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

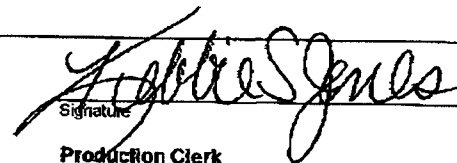
OPERATOR ACCT. NO. N2695

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|------------------------------|--------------------|----------------|--------------|----------------------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| C | 14609 | 12419 | 43-013-32483 | Ashley Federal 3-24-9-15 | NE/NW | 24 | 9S | 15E | Duchesne | | 4/1/2005 |
| WELL 1 COMMENTS: GRV 7/15/05 | | | | | | | | | | | |
| C | 14598 | 12419 | 43-013-32484 | Ashley Federal 5-24-9-15 | SW/NW | 24 | 9S | 15E | Duchesne | | 4/1/2005 |
| WELL 2 COMMENTS: GRV 7/15/05 | | | | | | | | | | | |
| C | 14608 | 12419 | 43-013-32485 | Ashley Federal 7-24-9-15 | SW/NE | 24 | 9S | 15E | Duchesne | | 4/1/2005 |
| WELL 3 COMMENTS: GRV 7/15/05 | | | | | | | | | | | |
| C | 11992 | 12419 | 43-013-15781 | Ashley Federal 10-24R-9-15 | NW/SW | 24 | 9S | 15E | Duchesne | | 4/1/2005 |
| WELL 4 COMMENTS: GRV 7/15/05 | | | | | | | | | | | |
| C | 11993 | 12419 | 43-013-15782 | Ashley Federal 12-24R-9-15 | NW/SW | 24 | 9S | 15E | Duchesne | | 4/1/2005 |
| WELL 5 COMMENTS: GRV 7/15/05 | | | | | | | | | | | |

ACTION CODES (See instructions on back of form.)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected


Signature

Kobbie S. Jones

Production Clerk
Title

July 14, 2005
Date

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458 |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 | | 8. WELL NAME and NUMBER: ASHLEY FED 12-24R |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037 FSL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 24 Township: 09.0S Range: 15.0E Meridian: S | | 9. API NUMBER: 43013157820000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/9/2014 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input checked="" type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 09/03/2014. On 09/08/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/09/2014 the casing was pressured up to 1315 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 10 psig during the test. There was a State representative available to witness the test - Chris Jensen. | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | | PHONE NUMBER 435 646-4874 |
| SIGNATURE N/A | | TITLE Water Services Technician |
| DATE 9/11/2014 | | <div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 12, 2014 </div> |

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 9/9/14 Time 9:00 am pm

Test Conducted by: Dustin Allred

Others Present: _____

Well: Ashley Federal 12-24R-9-15

Field: GMBU

Well Location: NW1SW Sec. 24 T9S,
R15E

API No: 43-013-15782

| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1314</u> | psig |
| 5 | <u>1314</u> | psig |
| 10 | <u>1314</u> | psig |
| 15 | <u>1315</u> | psig |
| 20 | <u>1315</u> | psig |
| 25 | <u>1315</u> | psig |
| 30 min | <u>1315</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

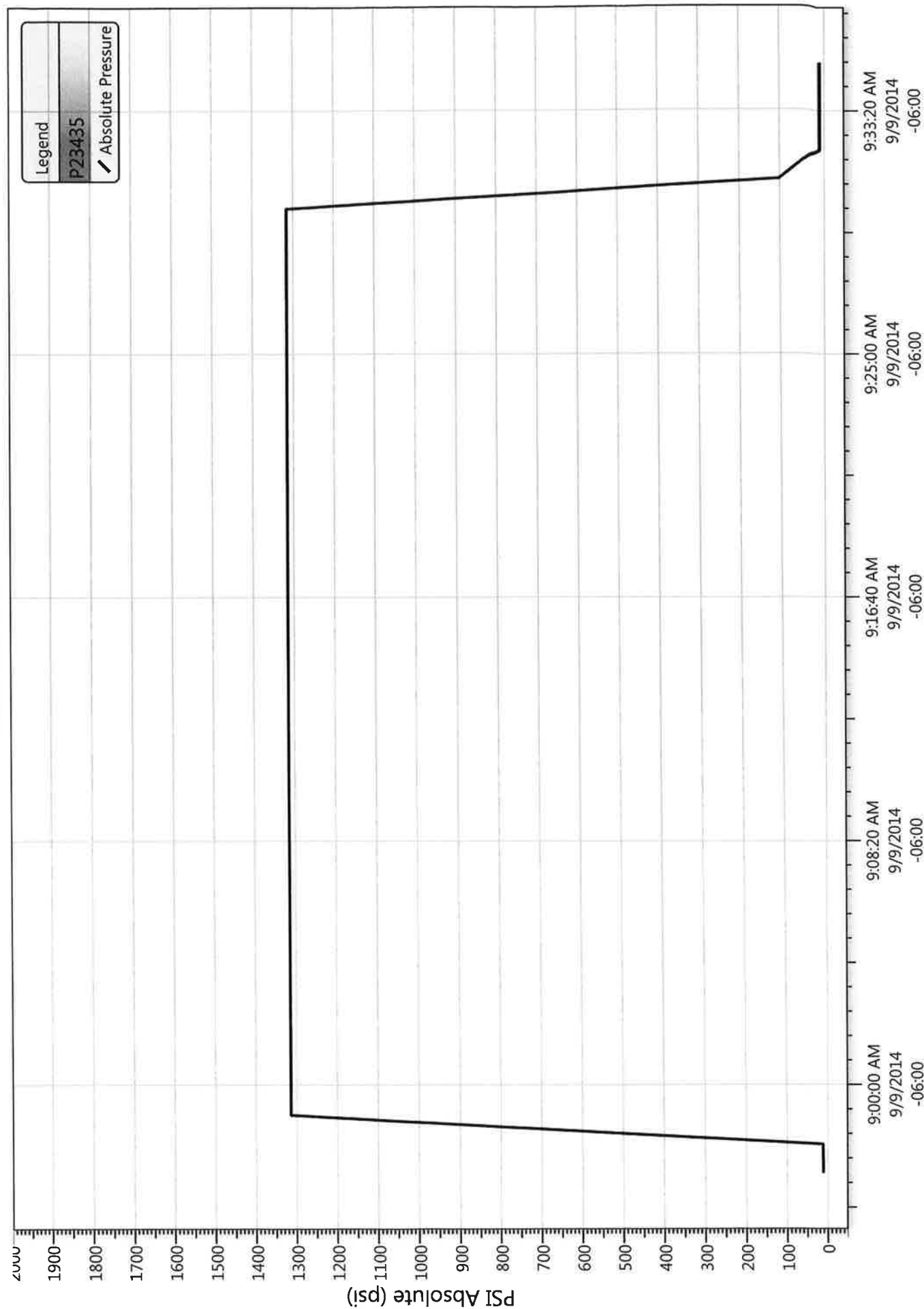
Tubing pressure: 10 psig

Result: Pass Fail

Signature of Witness: Chris Jensen

Signature of Person Conducting Test: _____

12-24R-9-15 W/Chris
9/9/2014 8:56:33 AM



NEWFIELD

Schematic

Well Name: Ashley 12-24R-9-15

| | | | | | | | |
|-------------------------------------|------------------|--------------------------------|-------------------------------------|--------------------------------|------------------------------|--|--------------------|
| Surface Legal Location 24-9S-15E | | API/UWI 43013157820000 | Well RC 500151526 | Lease | State/Province Utah | Field Name GMBU CTB3 | County DUCHESNE |
| Spud Date | Rig Release Date | On Production Date 1/8/1963 | Original KB Elevation (ft) 6,284 | Ground Elevation (ft) 6,273 | Total Depth All (TVD) (ftKB) | PBTD (All) (ftKB) Original Hole - 5,286.0 | |

Most Recent Job

| | | | | |
|---------------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------------------|
| Job Category Production / Workover | Primary Job Type Conversion | Secondary Job Type Basic | Job Start Date 8/21/2014 | Job End Date 9/9/2014 |
|---------------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------------------|

TD: 5,500.0

Vertical - Original Hole, 9/10/2014 9:09:32 AM

| MD (ftKB) | TVD (ftKB) | Incl (°) | DLS | Vertical schematic (actual) |
|-----------|------------|----------|------------|--|
| 11.2 | | | DLS (° ... | <p>1; Surface; 13 3/8 in; 12.715 in; 11-210 ftKB; 199.00 ft</p> <p>3-1; Tubing; 2 7/8; 2.441; 11-4,448; 4,437.07</p> <p>3-2; Pump Seating Nipple; 2 7/8; 2.270; 4,448-4,449; 1.08</p> <p>3-3; On-Off Tool; 4.52; 1.875; 4,449-4,451; 1.80</p> <p>3-4; Packer; 4 5/8; 2.441; 4,451-4,458; 6.95</p> <p>3-5; Cross Over; 3.64; 1.991; 4,458-4,458; 0.48</p> <p>3-6; Tubing Pup Joint; 2 3/8; 1.991; 4,458-4,462; 4.00</p> <p>3-7; XN Nipple; 2 3/8; 1.875; 4,462-4,464; 1.21</p> <p>Perforated; 4,487-4,488; 2/6/1963</p> <p>Perforated; 4,500-4,501; 2/6/1963</p> <p>Perforated; 4,668-4,671; 8/31/1996</p> <p>Perforated; 4,676-4,681; 8/31/1996</p> <p>Perforated; 4,706-4,709; 8/31/1996</p> <p>Perforated; 4,709-4,710; 2/6/1963</p> <p>Perforated; 4,715-4,718; 8/31/1996</p> <p>Perforated; 4,728-4,732; 8/31/1996</p> <p>Perforated; 4,769-4,770; 2/6/1963</p> <p>Perforated; 4,823-4,829; 8/29/1996</p> <p>Perforated; 4,902-4,903; 2/6/1963</p> <p>Perforated; 4,901-4,907; 8/29/1996</p> <p>Perforated; 5,053-5,054; 2/6/1963</p> <p>Perforated; 5,046-5,068; 8/27/1996</p> <p>Perforated; 5,063-5,064; 2/6/1963</p> <p>Perforated; 5,253-5,254; 2/6/1963</p> <p>2; Production; 5 1/2 in; 5.012 in; 11-5,346 ftKB; 5,335.00 ft</p> |
| 83.0 | | | | |
| 209.0 | | | | |
| 211.9 | | | | |
| 3,912.1 | | | | |
| 4,449.1 | | | | |
| 4,458.0 | | | | |
| 4,462.3 | | | | |
| 4,486.9 | | | | |
| 4,500.0 | | | | |
| 4,668.0 | | | | |
| 4,675.9 | | | | |
| 4,706.0 | | | | |
| 4,710.0 | | | | |
| 4,717.8 | | | | |
| 4,732.0 | | | | |
| 4,770.0 | | | | |
| 4,829.1 | | | | |
| 4,901.9 | | | | |
| 4,907.2 | | | | |
| 5,045.9 | | | | |
| 5,054.1 | | | | |
| 5,064.0 | | | | |
| 5,205.1 | | | | |
| 5,214.9 | | | | |
| 5,253.9 | | | | |
| 5,286.7 | | | | |
| 5,346.1 | | | | |

NEWFIELD
Newfield Wellbore Diagram Data
Ashley 12-24R-9-15

| | | | | | |
|-------------------------------------|--------------------------------|-------------------------------|--|--|--|
| Surface Legal Location 24-9S-15E | | API/UWI 43013157820000 | | Lease | |
| County DUCHESNE | State/Province Utah | Basin Uintah Basin | | Field Name GMBU CTB3 | |
| Well Start Date 8/20/1996 | | Spud Date | | On Production Date 1/8/1963 | |
| Original KB Elevation (ft) 6,284 | Ground Elevation (ft) 6,273 | Total Depth (ftKB) 5,500.0 | | Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,286.0 | |

Casing Strings

| Csg Des | Run Date | OD (in) | ID (in) | Wt/Len (lb/ft) | Grade | Set Depth (ftKB) |
|------------|------------|---------|---------|----------------|-------|------------------|
| Surface | 12/15/1962 | 13 3/8 | 12.715 | 48.00 | H-40 | 210 |
| Production | 12/27/1962 | 5 1/2 | 5.012 | 14.00 | J-55 | 5,346 |

Cement**String: <String?> <Cementing Start Date?>**

| | | | | |
|-------------------|------------------|---------------------|--------------|----------------------|
| Cementing Company | Top Depth (ftKB) | Bottom Depth (ftKB) | Full Return? | Vol Cement Ret (bbl) |
| Fluid Description | Fluid Type | Amount (sacks) | Class | Estimated Top (ftKB) |

String: Surface, 210ftKB 12/15/1962

| | | | | |
|-------------------|--------------------------|------------------------------|--------------|------------------------------|
| Cementing Company | Top Depth (ftKB) 11.0 | Bottom Depth (ftKB) 212.0 | Full Return? | Vol Cement Ret (bbl) |
| Fluid Description | Fluid Type Lead | Amount (sacks) 210 | Class | Estimated Top (ftKB) 11.0 |

String: Production, 5,346ftKB 12/27/1962

| | | | | |
|-------------------|-----------------------------|--------------------------------|--------------|---------------------------------|
| Cementing Company | Top Depth (ftKB) 3,912.0 | Bottom Depth (ftKB) 5,500.0 | Full Return? | Vol Cement Ret (bbl) |
| Fluid Description | Fluid Type Lead | Amount (sacks) 520 | Class | Estimated Top (ftKB) 3,912.0 |

String: Production, 5,346ftKB 8/14/1971

| | | | | |
|--|--------------------------|-----------------------------|--------------|------------------------------|
| Cementing Company | Top Depth (ftKB) 36.0 | Bottom Depth (ftKB) 83.0 | Full Return? | Vol Cement Ret (bbl) |
| Fluid Description SPOTTED 5 SACKS IN 13 3/8 X 5 1/2 ANNULUS | Fluid Type Lead | Amount (sacks) 5 | Class | Estimated Top (ftKB) 36.0 |

String: Production, 5,346ftKB 8/14/1971

| | | | | |
|-------------------|--------------------------|------------------------------|--------------|------------------------------|
| Cementing Company | Top Depth (ftKB) 11.0 | Bottom Depth (ftKB) 164.0 | Full Return? | Vol Cement Ret (bbl) |
| Fluid Description | Fluid Type Lead | Amount (sacks) 5 | Class | Estimated Top (ftKB) 11.0 |

String: Production, 5,346ftKB 8/14/1971

| | | | | |
|-------------------|-----------------------------|--------------------------------|--------------|---------------------------------|
| Cementing Company | Top Depth (ftKB) 3,909.0 | Bottom Depth (ftKB) 4,909.0 | Full Return? | Vol Cement Ret (bbl) |
| Fluid Description | Fluid Type Lead | Amount (sacks) 140 | Class | Estimated Top (ftKB) 3,909.0 |

Tubing Strings

| Tubing Description | | | | | Run Date | | Set Depth (ftKB) | |
|---------------------|-----|---------|---------|------------|----------|----------|------------------|------------|
| Tubing | | | | | 9/3/2014 | | 4,463.6 | |
| Item Des | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) | Top (ftKB) | Btm (ftKB) |
| Tubing | 142 | 2 7/8 | 2.441 | 6.50 | M-50 | 4,437.07 | 11.0 | 4,448.1 |
| Pump Seating Nipple | 1 | 2 7/8 | 2.270 | | J-55 | 1.08 | 4,448.1 | 4,449.2 |
| On-Off Tool | 1 | 4.515 | 1.875 | | | 1.80 | 4,449.2 | 4,451.0 |
| Packer | 1 | 4 5/8 | 2.441 | | | 6.95 | 4,451.0 | 4,457.9 |
| Cross Over | 1 | 3.635 | 1.991 | | | 0.48 | 4,457.9 | 4,458.4 |
| Tubing Pup Joint | 1 | 2 3/8 | 1.991 | | | 4.00 | 4,458.4 | 4,462.4 |
| XN Nipple | 1 | 2 3/8 | 1.875 | | | 1.21 | 4,462.4 | 4,463.6 |

Rod Strings

| Rod Description | | Run Date | | | Set Depth (ftKB) | | |
|-----------------|-----|----------|------------|-------|------------------|------------|------------|
| Item Des | Jts | OD (in) | Wt (lb/ft) | Grade | Len (ft) | Top (ftKB) | Btm (ftKB) |
| | | | | | | | |

Other In Hole

| Des | Top (ftKB) | Btm (ftKB) | Run Date | Pull Date |
|------|------------|------------|-----------|-----------|
| CIBP | 5,210 | 5,215 | 8/27/1996 | |
| Fill | 5,205 | 5,210 | 8/7/2002 | |

Perforation Intervals

| Stage# | Zone | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Phasing (") | Nom Hole Dia (in) | Date |
|--------|---------------------|------------|------------|----------------------|-------------|-------------------|-----------|
| 6 | | 4,487 | 4,488 | 4 | 90 | | 2/6/1963 |
| 6 | | 4,500 | 4,501 | 4 | 90 | | 2/6/1963 |
| 10 | C/D3, Original Hole | 4,668 | 4,671 | 4 | 90 | | 8/31/1996 |
| 10 | C/D3, Original Hole | 4,676 | 4,681 | 4 | 90 | | 8/31/1996 |

NEWFIELD**Newfield Wellbore Diagram Data
Ashley 12-24R-9-15****Perforation Intervals**

| Stage# | Zone | Top (ftKB) | Blm (ftKB) | Shot Dens (shots/ft) | Phasing (*) | Nom Hole Dia (in) | Date |
|--------|-----------------------|------------|------------|----------------------|-------------|-------------------|-----------|
| 10 | C/D3, Original Hole | 4,706 | 4,709 | 4 | 90 | | 8/31/1996 |
| 5 | | 4,709 | 4,710 | 4 | 90 | | 2/6/1963 |
| 10 | C/D3, Original Hole | 4,715 | 4,718 | 4 | 90 | | 8/31/1996 |
| 10 | C/D3, Original Hole | 4,728 | 4,732 | 4 | 90 | | 8/31/1996 |
| 4 | | 4,769 | 4,770 | 4 | 90 | | 2/6/1963 |
| 9 | A.5/B2, Original Hole | 4,823 | 4,829 | 4 | 90 | | 8/29/1996 |
| 9 | A.5/B2, Original Hole | 4,901 | 4,907 | 4 | 90 | | 8/29/1996 |
| 3 | | 4,902 | 4,903 | 4 | 90 | | 2/6/1963 |
| 8 | A3, Original Hole | 5,046 | 5,068 | 4 | 90 | | 8/27/1996 |
| 2 | | 5,053 | 5,054 | 4 | 90 | | 2/6/1963 |
| 2 | | 5,063 | 5,064 | 4 | 90 | | 2/6/1963 |
| 1 | | 5,253 | 5,254 | 4 | 90 | | 2/6/1963 |

Stimulations & Treatments

| Stage# | ISIP (psi) | Frac Gradient (psi/ft) | Max Rate (bbl/min) | Max PSI (psi) | Total Clean Vol (bbl) | Total Slurry Vol (bbl) | Vol Recov (bbl) |
|--------|------------|------------------------|--------------------|---------------|-----------------------|------------------------|-----------------|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | 2,200 | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | 2,086 | | 18.0 | 4,400 | | | |
| 9 | | | 20.3 | 5,991 | | | |
| 10 | 2,989 | | 31.0 | 3,250 | | | |

Proppant

| Stage# | Total Prop Vol Pumped (lb) | Total Add Amount |
|--------|----------------------------|--|
| 1 | | Proppant Bulk Sand 5930 lb |
| 2 | | Proppant Bulk Sand 12000 lb; Proppant Walnut Shells 200 lb |
| 3 | | Proppant Bulk Sand 7000 lb; Proppant Walnut Shells 200 lb |
| 4 | | Proppant Bulk Sand 10000 lb; Proppant Walnut Shells 200 lb |
| 5 | | Proppant Bulk Sand 10000 lb; Proppant Walnut Shells 200 lb |
| 6 | | Proppant Bulk Sand 6000 lb; Proppant Moth Balls 150 lb |
| 7 | | Proppant Bulk Sand 3000 lb; Proppant Walnut Shells 200 lb |
| 8 | | Proppant Bulk Sand 77700 lb |
| 9 | | Proppant Bulk Sand 14000 lb |
| 10 | | Proppant Bulk Sand 75200 lb |



Job Detail Summary Report

Well Name: Ashley 12-24R-9-15

| Jobs | | |
|------------------|----------------|--------------|
| Primary Job Type | Job Start Date | Job End Date |
| Conversion | 8/21/2014 | 9/9/2014 |

| Daily Operations | | | |
|---|-----------------|-----------------------|-------|
| Report Start Date | Report End Date | 24hr Activity Summary | |
| 8/21/2014 | 8/21/2014 | MIRU | |
| Start Time | 06:00 | End Time | 07:00 |
| CREW TRAVEL TO LOCATION GMBU I-13-9-15 | | | |
| Start Time | 07:00 | End Time | 08:30 |
| SAFETY MEETING (RIG MOVE) DROP GUIDED WIRES, R/D, PREP T/ M/RIG T/ NEW LOCATION ASHLEY FEDERAL 12-24R-9-15 | | | |
| Start Time | 08:30 | End Time | 09:00 |
| MOVE RIG F/ GMBU I-13-9-15 TO ASHLEY FEDERAL 12-24R-9-15, TRY TO FLUSH CASING PRESSURE RIGHT AWAY, PRODUCTION TANKS CLOSED IN ARE CLEANED & READY TO MOVE, ORDERED ZUBIATE TANK | | | |
| Start Time | 09:00 | End Time | 10:30 |
| SPOT IN EQUIPMENT, LEVEL UP RIG, RIG UP, RELEVEL UP RIG, STRETCH GUIDED WIRES, SPOT IN ZUBIATE TANK & HOOK UP FLOW LINE FROM TUBING, TRY TO FLUSH CASING 3 TIMES, CASING PRESSURE UP & HELD FOR LITTLE OVER MINUTE @ 1000 PSI | | | |
| Start Time | 10:30 | End Time | 11:30 |
| AM REMOVE HORSES HEAD, LAY DOWN 1 1/2" X 22' POLISH ROD, PUMP UNSEATED @ LAY DOWN 3/4" PONY SUBS 2', & 8', LAY DOWN 2 - 3/4" 4 PER GUIDED RODS, HOOK UP TO TUBING PRESSURED U PTO 1000 PSI & HELD, PRESSURED UP TO 1500 PSI & HELD FOR ABOUT A MINUTE | | | |
| Start Time | 11:30 | End Time | 12:30 |
| HOOK UP TO CASING & TUBING TO ZUBIATE TANK, PRESSURE UP TO 2000 PSI BLEED DOWN A LITTLE BIT WHEN BLEED DOWN HOT OIL WOULD PRESSURE CASING BACK UP TO 2000 PSI @ 160 DEGREES, PRESSURE STARTED DROPPING MORE & THAN HOT OIL TRUCK DIDN'T HAVE TO BUMP PRESSURE UP, PUMPING DOWN CASING STEADY IN 1ST GEAR W/ 1600 PSI @ 200 DEGREES F/ 10 BBLs, MOVED TO 2ND GEAR PRESSURE SLOWLY DECREASED AS MORE BBLs GOT PUMPED DOWN HOLE, WELL STARTED CIRC PRESSURE MAINTAINED @ 300 PSI IN 4TH GEAR TOTAL FLUSH ON CASING 40 BBLs | | | |
| Start Time | 12:30 | End Time | 13:30 |
| LETTING TUBING FLOW DECREASE FLOWING HARD | | | |
| Start Time | 13:30 | End Time | 14:00 |
| HOOK UP TO TUBING FLUSH TUBING W/ 30 BBLs @ 250 DEGREES W/ 250 PSI | | | |
| Start Time | 14:00 | End Time | 14:30 |
| PICK UP 2 - 3/4" 4 PER GUIDED RODS, PICK 1 - 3/4" X 8' PONY SUB, PICK UP 1 - 3/4" 4 PER OFF RIG, SOFT SEAT PUMP & REMOVE B1-FLOW TEE, HOT OIL TRUCK HAD TO RELOAD WATER, GOT OUT OF THE HAIL (5 MINUTES) FILL TUBING W/ 3 BBLs & PRESSURE TUBING T/ 3900 PSI - GOOD TEST, BLEED DOWN LINES, INSTALL B1- FLOW TEE, LAY DOWN 1 - 3/4" 4 PER ROD FOR RIG | | | |
| Start Time | 14:30 | End Time | 15:30 |
| LAY DOWN 3/4" X 8' PONY SUB LAY DOWN RODS ONTO TRAILER 53 - 3/4" 4 PERS (GOOD RODS) FLUSH TUBING W/ 20 BBLs @ 250 DEGREES | | | |
| Start Time | 15:30 | End Time | 16:00 |
| LAY DOWN RODS ONTO TRAILER 44 - 3/4" 4 PERS (TOTAL ON TRAILER 97 ALL GOOD RODS) FLUSH W/ 20 BBLs @ 250 DEGREES | | | |
| Start Time | 16:00 | End Time | 17:00 |
| LAY DOWN ONTO TRAILER 1 - 3/4" 4 PER GUIDED (98 TOTAL 4 PERS), 78 - 3/4" SLICK RODS (34 GOOD, 44 BAD RODS) FLUSH W/ 20 BBLs @ 250 DEGREES | | | |
| Start Time | 17:00 | End Time | 17:30 |
| PM LAY DOWN RODS ONTO TRAILER 8 - 3/4" SLICK RODS (BAD), 10 - 3/4" 4 PERS (8 GOOD & 2 BAD), 6 - 1 1/2" SINKER BARS (BAD) & PUMP HAD A HARD TAG ON IT MUSHROOMED TOP OF PUMP OUT | | | |



Well Name: Ashley 12-24R-9-15

Job Detail Summary Report

Sundry Number: 55351 API Well Number: 43013157820000

| | | | | |
|-------------------|-----------|-----------------|-----------|-----------------------|
| Start Time | 17:30 | End Time | 18:30 | Comment |
| Start Time | 18:30 | End Time | 19:30 | Comment |
| Report Start Date | 8/22/2014 | Report End Date | 8/22/2014 | 24hr Activity Summary |
| Start Time | 06:00 | End Time | 07:00 | Comment |
| Start Time | 07:00 | End Time | 07:30 | Comment |
| Start Time | 07:30 | End Time | 10:00 | Comment |
| Start Time | 10:00 | End Time | 13:30 | Comment |
| Start Time | 13:30 | End Time | 15:30 | Comment |
| Start Time | 15:30 | End Time | 16:00 | Comment |
| Start Time | 16:00 | End Time | 17:00 | Comment |
| Start Time | 17:00 | End Time | 17:30 | Comment |
| Start Time | 17:30 | End Time | 19:00 | Comment |
| Start Time | 19:00 | End Time | 20:00 | Comment |
| Report Start Date | 8/25/2014 | Report End Date | 8/25/2014 | 24hr Activity Summary |
| Start Time | 05:30 | End Time | 06:00 | Comment |
| Start Time | 06:00 | End Time | 06:30 | Comment |
| Start Time | 06:30 | End Time | 07:30 | Comment |



Well Name: Ashley 12-24R-9-15

Job Detail Summary Report

Sundry Number: 55351 API Well Number: 43013157820000

| | | | | |
|--------------------------------|------------------------------|---|-------|---|
| Start Time | 07:30 | End Time | 08:00 | Comment SAFETY MEETING (PAYING ATTENTION) SPRAY OFF BLOCKS, SLIPS, TONGS, FLOOR & BOP'S - 15 BBLs |
| Start Time | 08:00 | End Time | 10:30 | Comment CHECK PRESSURE SITP - 200 PSI, FILL W/ 1 BBL PRESSURE TUBING UP TO 3000 PSI (RECHECK PRESSURE) 30 MINUTES LOST 200 PSI, 30 MINUTES LOST 150 PSI, 30 MINUTES LOST 100 PSI, 30 MINUTES LOST 50 PSI, 30 MINUTES LOST 0 PSI GOOD TEST ON TUBING |
| Start Time | 10:30 | End Time | 11:00 | Comment RIG UP SAND LINE W/ BABY RED FISH TOOL, RUN IN HOLE TO 4595' TO STANDING VALVE, LATCH ONTO STANDING VALVE & COME OUT OF HOLE W/ FISH TOOL, RIG DOWN SAND LINE & FISH TOOL |
| Start Time | 11:00 | End Time | 12:30 | Comment RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, CHECK CASING PRESSURE 0 PSI, NIPPLE DOWN BOP'S, SET PACKER @ 4603' W/ 18K # TENTION, NIPPLE UP WELL HEAD |
| Start Time | 12:30 | End Time | 18:00 | Comment PUMP PACKER FLUID, FILL CASING W/ 5 BBLs @ 90 DEGREES, PRESSURE CASING UP TO 1425 PSI & WATCH PRESSURE, 75 MINUTES LOST 925 PSI - PRESSURED UP TO 1425 PSI, 30 MINUTES LOST 700 PSI, 30 MINUTES LOST 750 PSI, 30 MINUTES LOST 700 PSI, PRESSURE UP TO 1450 PSI, 45 MINUTES LOST 700 PSI, 50 MINUTES LOST 800 PSI, 40 MINUTE LOST 700 PSI, 30 MINUTE LOST 600 PSI. SDFN HOT OIL LEFT ON LOCATION TO BUMP PRESSURE UP |
| Start Time | 18:00 | End Time | 19:00 | Comment CREW TRAVEL HOME FROM LOCATION |
| Report Start Date 8/26/2014 | Report End Date 8/26/2014 | 24hr Activity Summary PRESSURE UP CASING & WATCH PRESSURE BUMPING PRESSURE UP TO 1400 PSI, DO MIT TEST ON CASING, RIG DOWN | | |
| Start Time | 06:00 | End Time | 07:00 | Comment CREW TRAVEL TO LOCATION FROM HOME |
| Start Time | 07:00 | End Time | 12:00 | Comment SAFETY MEETING (PRESSURE HAZARDS) SICP - 500 PSI, PRESSURE CASING UP TO 1400 PSI, 70 MINUTES LOST 750 PSI - PRESSURE CASING UP TO 1400 PSI, 5 MINUTE PRESSURE @ 900 PSI - LOST 500 PSI (8:15 AM), 5 MINUTES PRESSURE @ 750 PSI - LOST 650 PSI (8:20 AM), 5 MINUTE PRESSURE @ 725 PSI - LOST 25 PSI (8:25 AM), 5 MINUTE PRESSURE @ 700 PSI - LOST 25 PSI (8:30 AM), 5 MINUTE PRESSURE @ 700 PSI - LOST 0 PSI (8:35 AM), 5 MINUTE PRESSURE @ 700 PSI LOST 0 PSI (8:40 AM), 8:45 AM - PRESSURE @ 700 PSI PRESSURED BACK UP TO 1400 PSI, 5 MINUTE PRESSURE @ 950 PSI - LOST 550 PSI (8:50 AM), 5 MINUTE PRESSURE @ 850 PSI LOST 100 PSI (8:55 AM) 5 MINUTE PRESSURE @ 800 PSI LOST 50 PSI (9AM), 5 MINUTE PRESSURE @ 800 PSI (9:05), 9:10 AM - PRESSURE 750 PSI, 9:15 AM - PRESSURE 750 PSI, 9:20 AM PRESSURE @ 750 (TOTAL LOST 650 PSI) PRESSURE UP TO 1400 PSI / 9:25 AM PRESSURE @ 950 PSI, 9:30 AM @ 850 PSI, 9:35 AM @ 800 PSI, 9:40 AM @ 800 PSI, 9:45 AM @ 750 (TOTAL LOST FOR 25 MIN. 650 PSI) PRESSURE UP TO 1400 PSI / 9:50 AM @ 950 PSI, 10:05 AM @ 825 PSI, 10:10 AM @ 800 PSI, 10:15 AM @ 800 PSI, 10:20 AM @ 775 PSI (TOTAL LOST FOR 45 MIN IS 625 PSI) PRESSURE UP / 10:25 AM @ 1000 PSI, 10:31 AM @ 850 PSI, 10:45 AM @ 800 PSI, 11:00 AM @ 800 PSI (TOTAL LOST FOR 40 MINS IS 600 PSI) / HAD HOT OIL PRESSURE CASING TO 1400 PSI AND WHEN CASING DROPPED TO 1000 PSI PRESSURE CASING BACK UP TO 1400 PSI / 11:30 AM @ 1000 PSI, 11:40 AM @ 1000 PSI, 11:45 AM @ 1000 PSI, 11:50 AM @ 1000 PSI, 12:00 PM @ 975 PSI, 12:05 PM @ 950 PSI (TOTAL LOSS FOR 35 MINS 450 PSI) PRESSURE CASING UP. (5 BBLs PUMPED TO PRESSURE WELL HEAD UP) |
| Start Time | 12:00 | End Time | 15:30 | Comment BLEED DOWN CASING, REMOVE BOLTS OFF WELL HEAD, CALL CAMERON TO HAVE WELL HEAD TECH COME PRESSURE UP SURFACE CASING TO SEE IF IT IS COMMUNICATING OR NOT, WAIT ON CAMERON TO SHOW UP |

NEWFIELD**Job Detail Summary Report****Well Name: Ashley 12-24R-9-15**

| | | | | |
|--|-----------|-----------------|-----------|---|
| Start Time | 15:30 | End Time | 19:30 | Comment |
| CAMERON SHOWED UP, CHECK VOLID ON WELL HEAD FOR 13 5/8" TO 5 1/2", PUMP UP & LOSSING PRESSURE WITH PUMP, MAKE UP PACKER STUFF & PUMP PACKER STUFF THROUGH PORT HOLE ON WELL HEAD, PICK UP ON WELL HEAD & LOOK DOWN HOLE, MAKE UP WELL HEAD, PUMP MORE PACKING STUFF THROUGH PORT HOLE TO TRY TO PLUG UP HOLE (2 THINGS OF PACKING) HOOK UP HOT OIL TRUCK PRESSURE UP CASING TO 1400 PSI LOST 400 PSI IN 6 MINUTES LOST 500 PSI IN 9 MINUTES, BLEED DOWN & REMOVE HARDLINE, PUMP MORE PACKING INTO PORT VOLID HOLE, REMOVE CAMERON PUMP, HOOK UP HOT OIL LINES PRESSURE CASING TO 1400 PSI LOST 270 PSI IN 5 MINUTES, LOST 400 PSI IN 10 MINUTES PRESSURE CASING UP TO 1400 PSI, HELP RACK OUT HOT OIL TRUCK SIW SDFN | | | | |
| Start Time | 19:30 | End Time | 20:30 | Comment |
| CREW TRAVEL HOME FROM LOCATION | | | | |
| Report Start Date | 8/27/2014 | Report End Date | 8/27/2014 | 24hr Activity Summary |
| Start Time | 06:00 | End Time | 07:00 | Test csg, lost psi, MU H-Valve packer, run in hole, psi held for 30 min. remove H-Valve packer, NU BOPs, RU Floor & tbq equip |
| Start Time | 07:00 | End Time | 10:30 | Comment |
| CREW TRAVEL TO LOCATION FROM HOME | | | | |
| Start Time | 10:30 | End Time | 11:00 | Comment |
| SAFETY MEETING (PROPER CLOTHING FOR WORKING IN WEATHER) CHECK PRESSURE SICP – 450 PSI, SITP – 0 PSI, RIG UP CAMERON WELL HEAD TECH & PUMP MORE PACKING INTO 13 5/8" SURFACE CASING VOLID THROUGH PORT, PUMPING PACKING @ 3800 PSI, PRESSURE UP CASING LOST 270 PSI IN 5 MINUTES, LOST 400 PSI IN 10 MINUTES, PUMP MORE PACKING IN PORT, PUMP PORT TO 1000 PSI AND PUMP CASING TO 1400 PSI PORT PUMP DIDN'T LOSS OR BUILD PRESSURE – CASING LOST 240 PSI IN 5 MINUTES, LOST 350 PSI IN 10 MINUTES, RIG DOWN CAMERON WELL HEAD TECH | | | | |
| Start Time | 11:00 | End Time | 12:00 | Comment |
| NIPPLE DOWN INJECTION TREE, PICK UP 2 7/8" X 8' PUP SUB, REMOVE TUBING OFF PACKER W/ ON/OFF TOOL, LAY DOWN 2 7/8" X 8' PUP SUB, LAY DOWN 3 JOINTS 2 7/8" M-50 TUBING | | | | |
| Start Time | 12:00 | End Time | 14:30 | Comment |
| WAIT ON WEATHERFORD PACKER HAND TO SHOW UP W/ A, H-VALVE PACKER | | | | |
| Start Time | 14:30 | End Time | 16:00 | Comment |
| MAKE UP H-VALVE PACKER RUN IN HOLE W/ 1 JOINT 2 7/8" M-50 TUBING, SET H-VLAVE PACKER, COME OFF PACKER STAND BACK 1 JOINT, NIPPLE UP INJECTION TREE WELL HEAD, FILL TUBING W/ 1 BBL & PRESSURE WELL HEAD TO 1750 PSI, CHECK PRESSURE BLEED DOWN SLOWLY UNTIL 1660 PSI (FORGOT TO WRITE DOWN PRESSURE LOSSES & TIMES – SORRY) HELD 1660 PSI FOR 30 MIN. NO BLEED OFF – GOOD TEST | | | | |
| Start Time | 16:00 | End Time | 16:30 | Comment |
| REMOVE INJECTION TREE, PICK UP 1 JOINT 2 7/8" M-50 TUBING W/ ON/OFF TOOL, LATCH ONTO H-VALVE PACKER, PICK UP & REMOVE PACKER & LOAD INTO WEATHERFORD PICK UP TRUCK, MAKE UP JOINT AND RUN IN HOLE, NIPPLE UP BOP'S, RIG UP FLOOR & TUBING EQUIPMENT, PICK UP 2 JOINTS, PICK UP 2 7/8" X 8' PUP JOINT, LATCH ONTO PACKER | | | | |
| Start Time | 16:30 | End Time | 17:30 | Comment |
| HOOK UP HOT OILER FLUSH TUBING W/ 50 BBLS @ 250 DEGREES & 50 BBLS @ 80 DEGREES | | | | |
| Start Time | 17:30 | End Time | 18:30 | Comment |
| BLEED DOWN CASING, RACK OUT HOT OIL TRUCK | | | | |
| Start Time | 18:30 | End Time | 07:00 | Comment |
| CREW TRAVEL HOME FROM LOCATION | | | | |
| Report Start Date | 8/28/2014 | Report End Date | 8/28/2014 | 24hr Activity Summary |
| Start Time | 06:00 | End Time | 07:00 | MU NEW PKR & ON/OFF TOOL, RUN IN HOLE, PRESSURE TEST |
| CREW TRAVEL | | | | |

NEWFIELD**Well Name: Ashley 12-24R-9-15****Job Detail Summary Report**

| | | | | |
|-------------------|-----------|-----------------|-----------|--|
| Start Time | 07:00 | End Time | 08:00 | Comment |
| | | | | SAFETY MEETING (DRIVING SAFELY ON MUDDY ROADS), CHECK PRESSURE SICP - , SITP - BLEED DOWN CASING, FLUSH TUBING W/ 40 BBLs @ 250 DEGREES CIRC CASING TO ZUBIATE TANK |
| Start Time | 08:00 | End Time | 09:30 | Comment |
| | | | | PULL OUT OF HOLE W/ 147 JOINTS 2 7/8" M-50 TUBING TO DERRICK, CHANGE OUT 5 1/2", LAY DOWN INJECTION PACKER & ON/OFF TOOL |
| Start Time | 09:30 | End Time | 11:00 | Comment |
| | | | | MAKE UP NEW 5 1/2" INJECTION PACKER & ON/OFF TOOL, RUN IN HOLE W/ 147 JOINTS 2 7/8" M-50 TUBING, PICK UP 1 - 2 7/8" X 10' N-80 PUP JOINT, LAST 10 STANDS OIL POURING OUT OF TUBING - TUBING & CASING FULL (OIL MESS AROUND WELL HEAD CONTAINED) |
| Start Time | 11:00 | End Time | 11:30 | Comment |
| | | | | HOOK UP HOT OILER, SPRAY OFF PACKER, ON/OFF TOOL, SLIPS, ELEVATOR, BLOCKS, & TONGS |
| Start Time | 11:30 | End Time | 12:00 | Comment |
| | | | | FLUSH TUBING W/ 20 BBLs @ 200 DEGREES, TUBING FULL DROP STANDING VALVE |
| Start Time | 12:00 | End Time | 18:30 | Comment |
| | | | | PUMP 15 BBLs TO GET STANDING VALVE TO SEAT, PRESSURE TUBING TO 3000 PSI, 25 MINUTES LOST 250 PSI PRESSURE BACK T/ 3000 PSI, 60 MINUTES LOST 600 PSI PRESSURE UP TO 3000 PSI, 35 MINUTE LOST 200 PSI PRESSURE UP TO 3000 PSI, 20 MINUTE LOST 160 PSI, 15 MINUTE LOST 20 PSI, 15 MINUTE LOST 20 PSI, 20 MINUTE LOST 40 PSI, PRESSURE TUBING TO 3050 PSI, 15 MINUTE LOST 50 PSI, 15 MINUTE LOST 20 PSI, 30 MINUTE LOST 60 PSI, 30 MINUTE LOST 50 PSI, PRESSURE TUBING BACK TO 3050 PSI, 15 MINUTE LOST 20 PSI, 15 MINUTE LOST 20 PSI, 15 MINUTE LOST 20 PSI, 15 MINUTE LOST 20 PSI, 15 MINUTE LOST 15 PSI, RACK OUT HOT OILER, SIW SDFN |
| Start Time | 18:30 | End Time | 19:30 | Comment |
| | | | | CREW TRAVEL |
| Report Start Date | 8/29/2014 | Report End Date | 8/29/2014 | 24hr Activity Summary |
| Start Time | 06:00 | End Time | 07:00 | Comment |
| | | | | CREW TRAVEL TO LOCATION FROM HOME |
| Start Time | 07:00 | End Time | 08:00 | Comment |
| | | | | SAFETY MEETING (STRIKE HAZARDS) CHECK PRESSURE SITP - 1900 PSI, SICP - PSI, PRESSURE TUBING BACK UP TO 3000 PSI, NO BLEED OFF HELD FOR 45 MINUTES - GOOD TEST, BLEED DOWN PRESSURE |
| Start Time | 08:00 | End Time | 08:30 | Comment |
| | | | | RIG UP SAND LINE W/ BABY RED FISH TOOL, FISH STANDING VALVE @ 4604', LATCH ON & COME OUT OF HOLE, RIG DOWN SANDLINE |
| Start Time | 08:30 | End Time | 09:45 | Comment |
| | | | | RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, NIPPLE DOWN BOP'S, SET 5 1/2" INJECTION PACKER @ 4613 W/ 17K # TENTION, NIPLE UP WELL HEAD, FILL CASING W/ 5 BBLs & PRESSURE CASING TO 1400 PSI |
| Start Time | 09:45 | End Time | 18:00 | Comment |
| | | | | WATCH CASING PRESSURE; KEPT LOSING PRESSURE FOR NEXT 8 HOURS; SIW SDFN |
| Start Time | 18:00 | End Time | 19:00 | Comment |
| | | | | CREW TRAVEL HOME FROM LOCATION |
| Report Start Date | 9/2/2014 | Report End Date | 9/2/2014 | 24hr Activity Summary |
| Start Time | 06:00 | End Time | 07:00 | Comment |
| | | | | CREW TRAVEL TO LOCATION |
| Start Time | 07:00 | End Time | 07:15 | Comment |
| | | | | SAFETY MEETING (HIGH PRESSURE), CHECK PRESSURES SITP - 50 PSI, SICP - 400 PSI |



Job Detail Summary Report

Well Name: Ashley 12-24R-9-15

Sundry Number: 55351 API Well Number: 43013157820000

| | | | | |
|-------------------------------|-----------------------------|---|-------|--|
| Start Time | 07:15 | End Time | 07:45 | Comment RU HOT OILER TO CSG PRESSURE UP TO 1450 PSI CHECK PRESSURE EVERY 10 MINUTES FOR 30 MINUTES |
| Start Time | 07:45 | End Time | 08:15 | Comment PRESSURE DROPPED TO 550 PSI (A TOTAL LOSS OF 900 PSI) PUMP BACK UP TO 1450 PSI CHECK PRESSURE EVERY 10 MINUTES FOR AN ADDITIONAL 30 MINUTES |
| Start Time | 08:15 | End Time | 09:45 | Comment PRESSURE DROPPED TO 650 PSI (A TOTAL LOSS OF 800 PSI), BLEED REMAINING PRESSURE OFF THE CSG, ND WELL HEAD, NU BOPS, RD FLOOR, GET EVERYTHING READY TO POOH WITH TUBING |
| Start Time | 09:45 | End Time | 11:30 | Comment START PULLING OUT OF HOLE STOP AT 2513', SET PACKER, SHUT PIPE RAMS, FILL CSG, (W/ 5 BBLs) TEST TO 1500 PSI FOR 15 MIN GOOD TEST, BLEED OFF PRESSURE, OPEN PIPE RAMS, UNSET PACKER, FINISH PULLING OUT OF THE HOLE |
| Start Time | 11:30 | End Time | 12:30 | Comment OUT OF HOLE, MAKE UP WEATHERFORD PLUG AND PACKER, RUN IN HOLE WITH TOOLS PICK UP 10' TUBING SUB |
| Start Time | 12:30 | End Time | 15:30 | Comment SET RETRIEVABLE BRIDGE PLUG AT 4616', SET PACKER AT 4588', TEST TOOLS TO 1500 PSI FOR 10 MINUTES, TOOLS TESTED GOOD, RELEASE PACKER MOVE UP HOLE TO 4474', RESET TEST CSG GOOD TEST, RECEIVED NEW PAPER WORK INFORMING US OF PERFS AT 4487', RUN IN RETRIEVE PLUG, LAY DOWN 10' SUB PLUS 5 JOINTS (PUTTING THE PACKER AT 4452') |
| Start Time | 15:30 | End Time | 17:45 | Comment POOH WITH PLUG AND PACKER, LAY DOWN TOOLS, PICK UP NEW AEROSOL PACKER, RUN IN HOLE, WITH 142 JTS 2 7/8 J-55 |
| Start Time | 17:45 | End Time | 19:00 | Comment FLUSH TUBING WITH 30 BBLs FRESH WATER AT 250 DEGREES (HOTOILER HAD TO PREHEAT), DROP STANDING VALVE, FILL (20 BBLs) AND TEST TUBING TO 3000 PSI FOR 30 MIN WITH NO LOSS |
| Start Time | 19:00 | End Time | 20:00 | Comment LEFT PRESSURED UP OVER NIGHT TO TRY TO SETTLE. TRAVEL TIME |
| Report Start Date 9/3/2014 | Report End Date 9/3/2014 | 24hr Activity Summary Change SV, RD FLOOR & TBG EQUIP. CONDUCT MIT | | |
| Start Time | 06:00 | End Time | 07:00 | Comment CREW TRAVEL TO LOCATION |
| Start Time | 07:00 | End Time | 10:30 | Comment SAFETY MEETING (HAND PROTECTION) SITP - 1200 PSI, PRESSURE TUBING TO 3000 PSI, 25 MIN LOST 700 PSI PRESSURE T/ 3000 PSI, 25 MIN LOST 600 PSI PRESSURE T/ 3000 PSI, 25 MIN LOST PSI, 15 PRESSURE T/ 3000 PSI, WATCH PRESSURE & PRESSURE UP, 9:15 AM PRESSURE UP TO 2980 PSI, 15 MIN LOST 180 PSI PRESS T/ 3050, 10:00 AM PRESSURE UP T/ 3000 PSI, 10 MIN LOST 300 PSI (10:10 AM), 10 MIN LOST 500 TOTAL (10:20 AM), 10 MIN LOST 600 TOTAL (10:30 AM) BLEED DOWN TUBING |
| Start Time | 10:30 | End Time | 11:00 | Comment RIG UP SAND LINE W/ BABY RED FISH TOOL, RUN IN HOLE TO CHANGE OUT STANDING VALVES, ABOUT 400' TOP OF TUBING FULL OF OIL, LATCH ONTO STANDING VALVE @ 4438.15', COME OUT OF HOLE W/ STANDING VALVE, DROP NEW STANDING VALVE |
| Start Time | 11:00 | End Time | 11:15 | Comment HOOK UP HOT OIL TRUCK PUMP 20 BBLs DOWN TBG TO SEAT STAND VALVE & PRESSURE TBG TO 3050 PSI, BLEED DOWN CASING 400 PSI TO ZUBIATE TANK |
| Start Time | 11:15 | End Time | 12:15 | Comment 10 MIN LOST 20 PSI (11:25 AM), 15 MIN LOST 10 PSI (11:40 AM), 10 MIN LOST 0 PSI (11:50 AM), 20 MIN LOST 0 PSI (12:10 PM) GOOD TUBING TEST |

NEWFIELD



Job Detail Summary Report

Well Name: Ashley 12-24R-9-15

| | | | | |
|-------------------|----------|-----------------|----------|--|
| Start Time | 12:15 | End Time | 12:45 | Comment |
| | | | | RUN IN HOLE W/ BABY RED FISH TOOL TO GET STAND VALVE @ 4435.15', LATCH ONTO STAND VALVE COME OUT OF HOLE |
| Start Time | 12:45 | End Time | 13:45 | Comment |
| | | | | RIG DOWN FLOOR & TUBING EQUIPMENT, NIPPLE DOWN BOP'S, SET PACKER @ 4446.9' W/ 15K # TENTION 40' ABOVE TO PERF @ 4487', NIPPLE UP WELL HEAD FILL CASING W/ 2 BBL'S, PRESSURE CASING UP TO 1525 PSI |
| Start Time | 13:45 | End Time | 14:45 | Comment |
| | | | | WATCH CASING PRESSURE, 15 MIN LOST 75 PSI (1:45 PM), 15 MIN LOST 10 PSI (2 PM), 15 MIN LOST 0 PSI, 15 MIN LOST 0 PSI - GOOD CASING TEST, TEXTED FOR MIT TEST, PUMPER WILL BE ON LOCATION AROUND 4:00 PM |
| Start Time | 14:45 | End Time | 16:15 | Comment |
| | | | | WATCH CASING PRESSURE 2:45 PM LOST 0 PSI, 3:00 PM - LOST 0 PSI HOLDING @ 1440 PSI, 3:15 PM TAPPED ON GAUGE DROPPED 10 PSI TO 1430 PSI |
| Start Time | 16:15 | End Time | 17:15 | Comment |
| | | | | RIG UP PUMPERS FOR MIT TEST STARING PRESSURE 1399 PSI ENDING PRESSURE 1396 PSI, RIG DOWN PUMPERS |
| Start Time | 17:15 | End Time | 17:45 | Comment |
| | | | | CHANGE OVER BLOCKS, RIG DOWN WINCH POLES, PUT STUFF AWAY, RIG DOWN RIG PREP TO MOVE RIG IN MORNING |
| Start Time | 17:45 | End Time | 18:45 | Comment |
| | | | | CREW TRAVEL |
| Report Start Date | 9/9/2014 | Report End Date | 9/9/2014 | 24hr Activity Summary |
| Start Time | 09:00 | End Time | 09:30 | Comment |
| | | | | On 09/08/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/09/2014 the casing was pressured up to 1315 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 10 psig during the test. There was a State representative available to witness the test - Chris Jensen. |

| | | |
|---|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 | | 8. WELL NAME and NUMBER: ASHLEY FED 12-24R |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037 FSL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 24 Township: 09.0S Range: 15.0E Meridian: S | | 9. API NUMBER: 43013157820000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/29/2015 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input checked="" type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 9:00 AM on 01/29/2015. </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining Date: February 11, 2015 By: </div> </div> | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 1/29/2015 | |



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-421

Operator: Newfield Production Company
Well: Ashley Federal 12-24R
Location: Section 24, Township 9 South, Range 15 East
County: Duchesne
API No.: 43-013-15782
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 18, 2014.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,012' – 5,281')
The injection top is limited by the Ashley Federal 12-24R (43-013-15782) well itself.
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

Date

1-22-15

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**
multi-chem

A HALLIBURTON SERVICE

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Jacob Bird**

Well Name: **ASHLEY 12-24R-9-15**

Lab Tech: **Gary Winegar**

Sample Point: **WELLHEAD/ALFREDO**

Sample Date: **8/28/2014**

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample ID: **WA-285259**

| Sample Specifics | | Analysis @ Properties in Sample Specifics | | | |
|----------------------------|----------|---|---------|-------------------------------|----------|
| Test Date: | 9/2/2014 | Cations | mg/L | Anions | mg/L |
| System Temperature 1 (°F): | 120 | Sodium (Na): | 7633.96 | Chloride (Cl): | 11000.00 |
| System Pressure 1 (psig): | 2000 | Potassium (K): | 242.00 | Sulfate (SO4): | 24.00 |
| System Temperature 2 (°F): | 210 | Magnesium (Mg): | 15.44 | Bicarbonate (HCO3): | 2079.00 |
| System Pressure 2 (psig): | 2000 | Calcium (Ca): | 76.16 | Carbonate (CO3): | |
| Calculated Density (g/ml): | 1.0118 | Strontium (Sr): | 10.04 | Acetic Acid (CH3COO) | |
| pH: | 8.00 | Barium (Ba): | 7.61 | Propionic Acid (C2H5COO) | |
| Calculated TDS (mg/L): | 21167.82 | Iron (Fe): | 30.27 | Butanoic Acid (C3H7COO) | |
| CO2 in Gas (%): | | Zinc (Zn): | 1.92 | Isobutyric Acid ((CH3)2CHCOO) | |
| Dissolved CO2 (mg/L): | 0.00 | Lead (Pb): | 0.16 | Fluoride (F): | |
| H2S in Gas (%): | | Ammonia NH3: | | Bromine (Br): | |
| H2S in Water (mg/L): | 3.50 | Manganese (Mn): | 1.06 | Silica (SiO2): | 46.20 |

Notes:

B=31.74 AI=15 LI=3.76

(PTB = Pounds per Thousand Barrels)

| | | Calcium Carbonate | | Barium Sulfate | | Iron Sulfide | | Iron Carbonate | | Gypsum CaSO4·2H2O | | Celestite SrSO4 | | Halite NaCl | | Zinc Sulfide | |
|-----------|---------|-------------------|-------|----------------|------|--------------|------|----------------|-------|-------------------|------|-----------------|------|-------------|------|--------------|------|
| Temp (°F) | PSI | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 210.00 | 2000.00 | 1.64 | 62.08 | 0.00 | 0.00 | 3.39 | 3.18 | 3.29 | 22.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.84 | 1.00 |
| 200.00 | 2000.00 | 1.58 | 61.33 | 0.00 | 0.00 | 3.37 | 3.18 | 3.24 | 21.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.92 | 1.00 |
| 190.00 | 2000.00 | 1.53 | 60.49 | 0.00 | 0.00 | 3.35 | 3.18 | 3.19 | 21.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.00 | 1.00 |
| 180.00 | 2000.00 | 1.48 | 59.57 | 0.00 | 0.00 | 3.34 | 3.18 | 3.13 | 21.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.09 | 1.00 |
| 170.00 | 2000.00 | 1.43 | 58.58 | 0.00 | 0.00 | 3.33 | 3.18 | 3.08 | 21.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.18 | 1.00 |
| 160.00 | 2000.00 | 1.38 | 57.50 | 0.03 | 0.26 | 3.33 | 3.18 | 3.02 | 21.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.28 | 1.00 |
| 150.00 | 2000.00 | 1.34 | 56.36 | 0.07 | 0.57 | 3.34 | 3.18 | 2.97 | 21.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.40 | 1.00 |
| 140.00 | 2000.00 | 1.30 | 55.15 | 0.12 | 0.89 | 3.35 | 3.18 | 2.91 | 21.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.51 | 1.00 |
| 130.00 | 2000.00 | 1.26 | 53.91 | 0.17 | 1.23 | 3.37 | 3.18 | 2.85 | 21.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.64 | 1.00 |
| 120.00 | 2000.00 | 1.22 | 52.63 | 0.22 | 1.58 | 3.40 | 3.18 | 2.79 | 21.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.78 | 1.00 |

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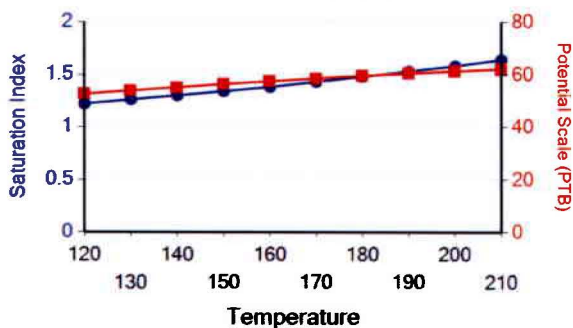
Water Analysis Report

| Temp (°F) | PSI | Hemihydrate CaSO ₄ •0.5H ₂ O | | Anhydrate CaSO ₄ | | Calcium Fluoride | | Zinc Carbonate | | Lead Sulfide | | Mg Silicate | | Ca Mg Silicate | | Fe Silicate | |
|-----------|---------|---|------|--------------------------------|------|---------------------|------|-------------------|------|-----------------|------|----------------|-------|-------------------|-------|----------------|-------|
| | | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 210.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 1.28 | 8.83 | 0.06 | 4.64 | 26.57 | 2.65 | 22.31 | 12.19 | 23.53 |
| 200.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.99 | 1.28 | 8.97 | 0.06 | 4.18 | 25.03 | 2.38 | 20.49 | 11.86 | 23.53 |
| 190.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.90 | 1.28 | 9.12 | 0.06 | 3.72 | 23.12 | 2.11 | 18.45 | 11.52 | 23.53 |
| 180.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.81 | 1.27 | 9.29 | 0.06 | 3.25 | 20.85 | 1.83 | 16.24 | 11.18 | 23.52 |
| 170.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.71 | 1.27 | 9.46 | 0.06 | 2.78 | 18.28 | 1.55 | 13.88 | 10.84 | 23.51 |
| 160.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 1.26 | 9.64 | 0.06 | 2.30 | 15.44 | 1.27 | 11.45 | 10.50 | 23.49 |
| 150.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.50 | 1.25 | 9.84 | 0.06 | 1.82 | 12.41 | 1.00 | 8.99 | 10.16 | 23.48 |
| 140.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.39 | 1.24 | 10.05 | 0.06 | 1.34 | 9.25 | 0.72 | 6.54 | 9.83 | 23.45 |
| 130.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.27 | 1.22 | 10.27 | 0.06 | 0.86 | 6.04 | 0.44 | 4.13 | 9.50 | 23.42 |
| 120.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.14 | 1.20 | 10.51 | 0.06 | 0.38 | 2.80 | 0.17 | 1.76 | 9.18 | 23.37 |

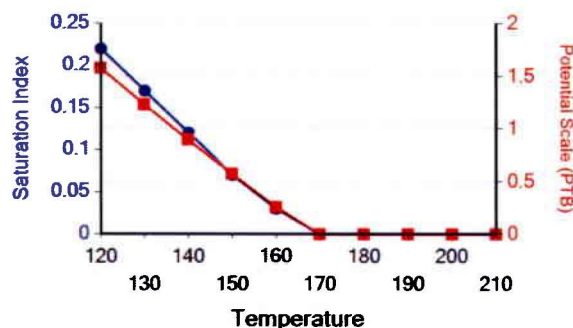
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

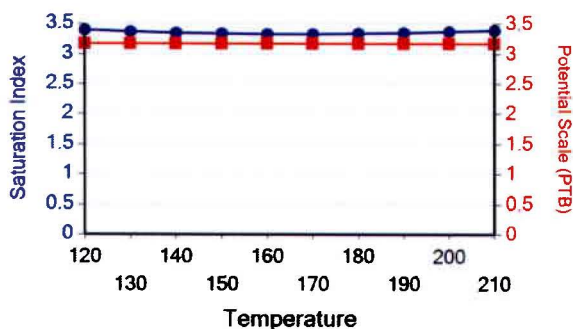
Calcium Carbonate



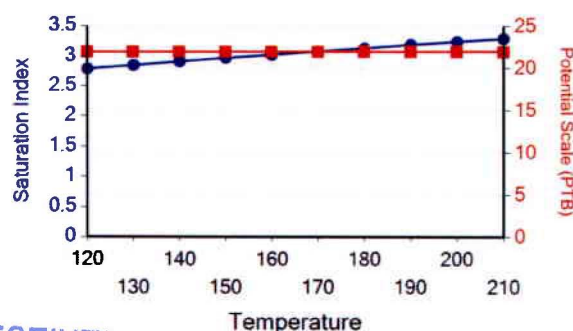
Barium Sulfate



Iron Sulfide



Iron Carbonate



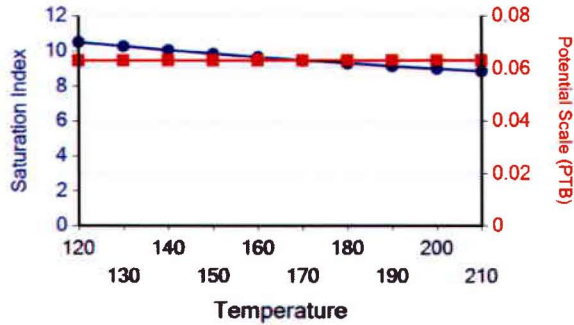
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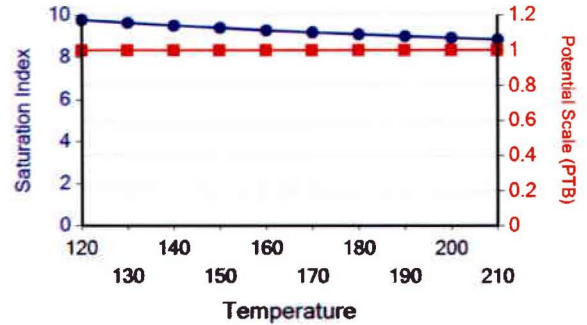
DIV. OF OIL, GAS & MINING

Water Analysis Report

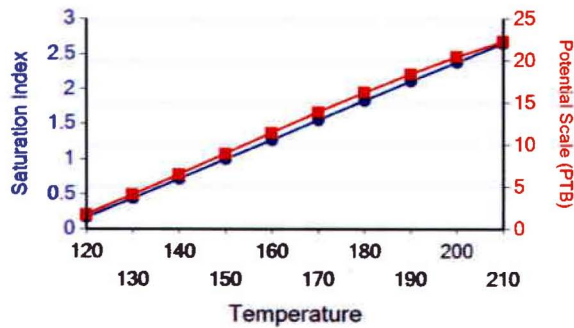
Lead Sulfide



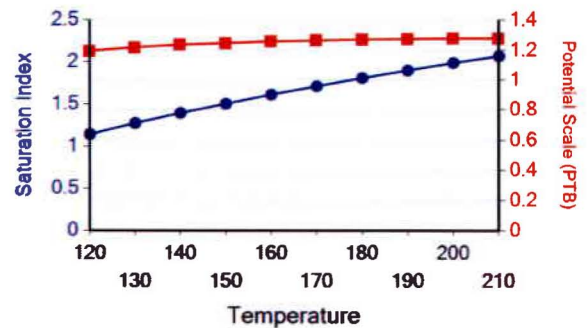
Zinc Sulfide



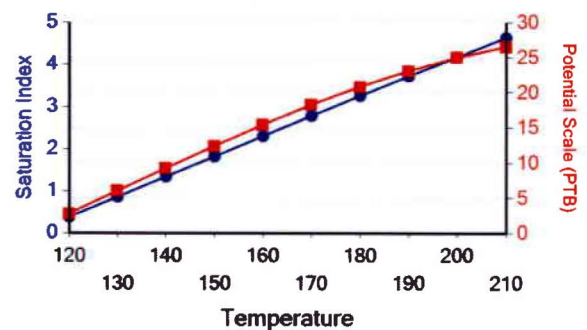
Ca Mg Silicate



Zinc Carbonate



Mg Silicate

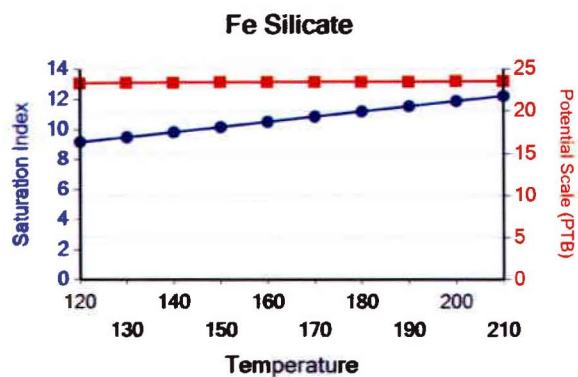


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Water Analysis Report



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DIV. OF OIL, GAS & MINING



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 18, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 12-24R, Section 24, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-15782

Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. **At the time of conversion, a representative connate water sample shall be obtained from the injection interval for the purpose of laboratory analysis to determine compatibility with the proposed injectate water.**
5. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
6. The top of the injection interval shall be limited to a depth no higher than **4,012** feet in the Ashley Federal 12-24R well. The injection top is limited by the cement top in the proposed injection well.

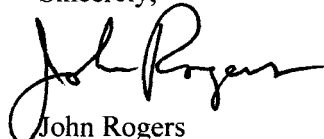


Page 2

Newfield Production Company
June 18, 2014

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

A handwritten signature in black ink, appearing to read "John Rogers". The signature is fluid and cursive, with the first name "John" being more prominent than the last name "Rogers".

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UTC

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Ashley Federal 12-24R-9-15

Location: 24/9S/15E **API:** 43-013-15782

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 210 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,346 feet. The cement bond log demonstrates adequate bond in this well up to about 3,912 feet. A 2 7/8 inch tubing with a packer is proposed at 4,618 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (1/16/2015), based on surface locations, there are 8 producing wells, 10 injection wells, and 1 shut-in well (the proposed injection well) in the AOR. One of the producing wells is directionally drilled from a surface location inside the AOR to a bottom hole location outside the AOR. In addition, there are 5 directional producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there are 4 approved surface locations inside the AOR for directional wells with bottom hole locations outside the AOR. All of the existing wells except the proposed injection well have evidence of adequate casing and cement for the proposed injection interval. The top of good cement in the proposed injection well is about 3,912 feet. To protect this wellbore Newfield will not perforate the Ashley Federal 12-24R well above a depth of 4,012 feet (see next paragraph).

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2200 feet. Injection shall be limited to the interval between 3,876 feet and 5,281 feet in the Green River Formation. The requested injection interval is between 3,945 feet and 5,620 feet in the Green River Formation. However, the top of acceptable cement bond is at about 3,912 feet in the Ashley Federal 12-24R well itself (API # 43-013-15782). For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,012 feet in the Ashley Federal 12-24R well. Information submitted by Newfield indicates that the fracture gradient for the 12-24R-9-15 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The

resulting minimum fracture pressure for the proposed injection interval is 2,053 psig. The requested maximum pressure is 2,053 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 5/8/2014 (revised 1/16/2015)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune

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|---|----------------|-----------|
| DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114 | 9001402352 | 5/13/2014 |

| ACCOUNT NAME | |
|--|----------------|
| DIV OF OIL-GAS & MINING, | |
| TELEPHONE | ADORDER# / |
| 8015385340 | 0000957536 / |
| SCHEDULE | |
| Start 05/09/2014 | End 05/09/2014 |
| CUST. REF. NO. | |
| CAUSE NO. UIC-421 | |
| CAPTION | |
| BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF | |
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| TOTAL | |
| 280. | |

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCE
CAUSE NO. UIC-421 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, W
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON
UTAHLEGALS.COM INDEFINATELY, COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 05/09/2014 End 05/09/2014
SIGNATURE 
DATE 5/13/2014

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PLEASE PAY FROM BILLING STATEMENT

2250/GGUAADMIN/G-FH/6131

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-421

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 22, 23, 28, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashley Federal 12-248-9-15 well located in NW/4 SW/4, Section 24, Township 9 South, Range 15 East
API 43-013-15782
Federal 2-22-9-16 well located in NW/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32958
Federal 6-22-9-16 well located in SE/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33026
Federal 8-22-9-16 well located in SE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32959
Federal 14-22-9-16 well located in SE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33147
Federal 4-23-9-16 well located in NW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33177
Federal 2-28-9-16 well located in NW/4 NE/4, Section 28, Township 9 South, Range 16 East
API 43-013-33409
Federal 4-28-9-16 well located in NW/4 NW/4, Section 28, Township 9 South, Range 16 East
API 43-013-33407
Federal 2-29-9-16 well located in NW/4 NE/4, Section 29, Township 9 South, Range 16 East
API 43-013-33424

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

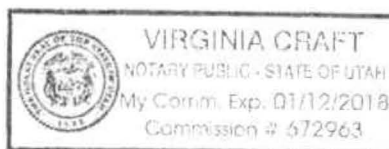
Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

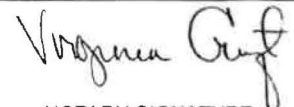
Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 6th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

957536 UPAXLP

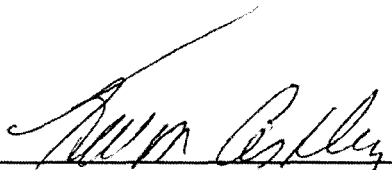



NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 13 day of May, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 13 day of May, 20 14, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

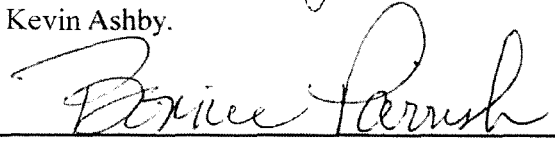


Publisher

Subscribed and sworn to before me on this

16 day of May, 20 14

by Kevin Ashby.



Notary Public

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 6th day of May, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MINING

Brad Hill
Permitting Manager

Published in the
Uintah Basin Standard
May 13, 2014.

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-421

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 22, 23, 28, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company.

SECTION 7 IS COMMENCING
an informal adjudicative proceeding
to consider the application of Newfield
Production Company,
1001 17th Street,
Suite 2000, Denver,
Colorado 80202, telephone 303-893-0102,
for administrative approval of the following wells located
in Duchesne County,
Utah, for conversion
to Class II injection
wells:

Greater Monument
Butte Unit:

Ashley Federal
12-24R-9-15 well located in NW/4 SW/4,
Section 24, Township 9 South,
Range 15 East

API 43-013-15782
Federal 2-22-9-16
well located in NW/4
NE/4, Section 22,
Township 9 South,
Range 16 East

API 43-013-32958
Federal 6-22-9-16
well located in SE/4
NW/4, Section 22,
Township 9 South,
Range 16 East

API 43-013-33026
Federal 8-22-9-16
well located in SE/4
NE/4, Section 22,
Township 9 South,
Range 16 East

API 43-013-32959
Federal 14-22-9-16
well located in SE/4
SW/4, Section 22,
Township 9 South,
Range 16 East

API 43-013-33147
Federal 4-23-9-16
well located in NW/4
NW/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-33177
Federal 2-28-9-16
well located in NW/4
NE/4, Section 28,
Township 9 South,
Range 16 East

API 43-013-33409
Federal 4-28-9-16
well located in NW/4
NW/4, Section 28,
Township 9 South,
Range 16 East

API 43-013-33407
Federal 2-29-9-16
well located in NW/4
NE/4, Section 29,
Township 9 South,
Range 16 East

API 43-013-33424
The proceeding
will be conducted in
accordance with Utah
Admin. R649-10,
Administrative Procedures.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-421

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 22, 23, 28, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 12-24R-9-15 well located in NW/4 SW/4, Section 24, Township 9 South, Range 15 East
API 43-013-15782
Federal 2-22-9-16 well located in NW/4 NE/4, Section 22 Township 9 South, Range 16 East
API 43-013-32958
Federal 6-22-9-16 well located in SE/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33026
Federal 8-22-9-16 well located in SE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32959
Federal 14-22-9-16 well located in SE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33147
Federal 4-23-9-16 well located in NW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33177
Federal 2-28-9-16 well located in NW/4 NE/4, Section 28, Township 9 South, Range 16 East
API 43-013-33409
Federal 4-28-9-16 well located in NW/4 NW/4, Section 28, Township 9 South, Range 16 East
API 43-013-33407
Federal 2-29-9-16 well located in NW/4 NE/4, Section 29, Township 9 South, Range 16 East
API 43-013-33424

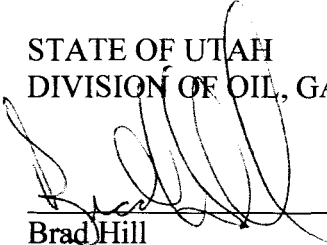
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 6th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 12-24R-9-15, FEDERAL 2-22-9-16, FEDERAL 6-22-9-16,
FEDERAL 8-22-9-16, FEDERAL 14-22-9-16, FEDERAL 4-23-9-16,
FEDERAL 2-28-9-16, FEDERAL 4-28-9-16, FEDERAL 2-29-9-16**

Cause No. UIC-421

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

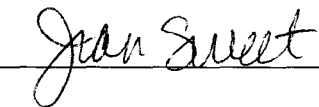
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubslegals@ubmedia.biz

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 8, 2014

Via e-mail: ubslegals@ubmedia.biz

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-421

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action Newfield Cause No. UIC-421

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz>

Fri, May 9, 2014 at 12:49 PM

To: Jean Sweet <jsweet@utah.gov>

On 5/8/2014 10:39 AM, Jean Sweet wrote:

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—

Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

I think I replied to this, but if not, it will publish May 13.
Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 8, 2014

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-421

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000957536-01

| | | | |
|---------------------|---|-----------------------|---|
| Client | DIV OF OIL-GAS & MINING | Payor Customer | DIV OF OIL-GAS & MINING |
| Client Phone | 801-538-5340 | Payor Phone | 801-538-5340 |
| Account# | 9001402352 | Payor Account | 9001402352 |
| Address | 1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA | Payor Address | 1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 |
| Fax | 801-359-3940 | Ordered By | Acct. Exec |
| Email | juliecarter@utah.gov | Jean | kstowe |

| | | | | |
|----------------------------|-----------------|--------------------|-------------------|-------------------|
| Total Amount | \$280.52 | | | |
| Payment Amt | \$0.00 | | | |
| Amount Due | \$280.52 | Tear Sheets | Proofs | Affidavits |
| | | 0 | 0 | 1 |
| Payment Method | | PO Number | CAUSE NO. UIC-421 | |
| Confirmation Notes: | | | | |
| Text: | Jean | | | |

| | | |
|----------------|----------------|--------------|
| Ad Type | Ad Size | Color |
| Legal Liner | 2.0 X 82 Li | <NONE> |

| | | |
|---------------------------|---------------------------|-------------------------|
| Product | Placement | Position |
| Salt Lake Tribune:: | Legal Liner Notice - 0998 | 998-Other Legal Notices |
| Scheduled Date(s): | 5/9/2014 | |
| Product | Placement | Position |
| Deseret News:: | Legal Liner Notice - 0998 | 998-Other Legal Notices |
| Scheduled Date(s): | 5/9/2014 | |
| Product | Placement | Position |
| utahlegals.com:: | utahlegals.com | utahlegals.com |
| Scheduled Date(s): | 5/9/2014 | |

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
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CAUSE NO. UIC-421

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 22, 23, 28, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Federal 2-29-9-16 well located in NW/4 NE/4, Section 29, Township 9 South, Range 16 East
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Dated this 6th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

957536

UPAXIP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

April 23, 2014

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Ashley Federal #12-24R-9-15
Monument Butte Field, Lease #UTU-66185
Section 24-Township 9S-Range 15E
Duchesne County, Utah

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #12-24R-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,


Jill L Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
ASHLEY FEDERAL #12-24R-9-15
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-66185
APRIL 23, 2014

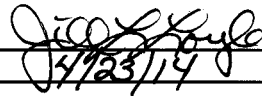
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

| | |
|---|---|
| Well Name and number: <u>Ashley Federal #12-24R-9-15</u> | |
| Field or Unit name: <u>Monument Butte (Green River)</u> | Lease No. <u>UTU-02458</u> |
| Well Location: QQ <u>NWSW</u> section <u>24</u> township <u>9S</u> range <u>15E</u> county <u>Duchesne</u> | |
| Is this application for expansion of an existing project? Yes [X] No [] | |
| Will the proposed well be used for: | |
| Enhanced Recovery? | Yes [X] No [] |
| Disposal? | Yes [] No [X] |
| Storage? | Yes [] No [X] |
| Is this application for a new well to be drilled? Yes [] No [X] | |
| If this application is for an existing well, | |
| has a casing test been performed on the well? Yes [] No [X] | |
| Date of test: _____ | |
| API number: <u>43-013-15782</u> | |
| Proposed injection interval: from <u>3876</u> to <u>5281</u> | |
| Proposed maximum injection: rate <u>500 bpd</u> pressure <u>2053</u> psig | |
| Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well. | |
| <div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div> | |
| List of Attachments: <u>Attachments "A" through "H-1"</u> | |
| I certify that this report is true and complete to the best of my knowledge. | |
| Name: <u>Jill L. Loyle</u> | Signature <u></u> |
| Title: <u>Regulatory Associate</u> | Date: <u>5/23/19</u> |
| Phone No. <u>(303)383-4135</u> | |
| (State use only) | |
| Application approved by _____ | Title _____ |
| Approval Date _____ | |
| Comments: | |

Ashley Federal #12-24R-9-15

Formerly Castle Peak Unit #2

Proposed Injection
Wellbore Diagram

Initial Production: 32 BOPD,
30 MCFPD, 4 BWPD

Spud Date: 12/15/62
GL: 6275' KB: 6288'
Plugged & Abandoned 8/14/71
Re-Entered: 8/19/96
POP: 9/6/96

SURFACE CASING

CSG SIZE: 13-3/8"
GRADE: ?
WEIGHT: 48#
LENGTH: ? jts. (211.89)
DEPTH LANDED: 210'
HOLE SIZE: 17-1/2"
CEMENT DATA: 300 Sx in place

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 14#
LENGTH: ?
DEPTH LANDED: 5346'
HOLE SIZE: ?
CEMENT DATA: 520 Sx
CEMENT TOP AT: 3900'

TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5# M-50
NO. OF JOINTS: 146 jts. (4564.71')
TUBING ANCHOR: 4575.71' KB
NO. OF JOINTS: 15 jts. (469.95')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5048.46' KB
NO. OF JOINTS: 3 jts. (93.99')
TOTAL STRING LENGTH: 5144.00' KB

Casing shoe @ 210'

Cement Top@ 3900'

Packer @ 4618'

4668'-71'

4676'-81'

4706'-09'

4715'-18'

4728'-32'

4823'-29'

4901'-07'

5046'-68'

PBTD: 5281'

TD: 5500'

FRAC JOB

8/28/96 5046'-5068' A-3 Sand

77,700# of 20/40 sd in 395 bbls of Boragel. Treated @ ave rate of 13.5 bpm w/ave press of 3800 psi. ISIP: 2086 psi.

8/30/96 4823'-4907' A-0.5/B-2 Sand

Screened out w/6.5# sd @ perms w/14,000# of sd in formation & 10,000# of sd in tbq. Total fluid pmpd: 194 bbls Boragel. Release pkr. Reverse circ sd laden fluid out of tbq. Circ well clean. LD subs. Set pkr.

9/3/96 4668'-4732' C/D Sand

Well pmpd 1400 gals off pad, tbq started to pmp out of hole (pkr not holding). SD. TOH w/pkr. NU tree saver. RU Halliburton & frac "C" & "D" sd dn tbq w/75,200# of 20/40 sd in 463 bbls of Boragel. Break dn @ 2892 psi. Treated @ ave rate of 30.2 bpm w/ave press of 2600 psi. ISIP: 2989 psi.

8/07/02

Pump change. Update rod and tubing details.

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 8-27-96 | 5046'-5068' | 4 JSPF | 88 holes |
| 8-29-96 | 4901'-4907' | 4 JSPF | 24 holes |
| 8-29-96 | 4823'-4829' | 4 JSPF | 24 holes |
| 8-31-96 | 4728'-4732' | 4 JSPF | 16 holes |
| 8-31-96 | 4715'-4718' | 4 JSPF | 12 holes |
| 8-31-96 | 4706'-4709' | 4 JSPF | 12 holes |
| 8-31-96 | 4676'-4681' | 4 JSPF | 20 holes |
| 8-31-96 | 4668'-4671' | 4 JSPF | 12 holes |



Ashley Federal #12-24R-9-15
2037 FSL & 444 FWL
NWSW Section 24-T9S-R15E
Duchesne Co, Utah
API #43-013-15782; Lease #U-02458

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
 - 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202
 - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
 - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #12-24R-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
 - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
 - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #12-24R-9-15 well, the proposed injection zone is from Garden Gulch to Castle Peak (3876' -5281'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3523' and the TD is at 5500'.
 - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #12-24R-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-66185) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refilled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 210' KB, and 5-1/2", 15.5# casing run from surface to 5346' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2053 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #12-24R-9-15, for existing perforations (4668' - 5068') calculates at 0.85 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2053 psig. We may add additional perforations between 3523' and 5500'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #12-24R-9-15, the proposed injection zone (5876' - 5281') is in the Garden Gulch to the Castel Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-14.

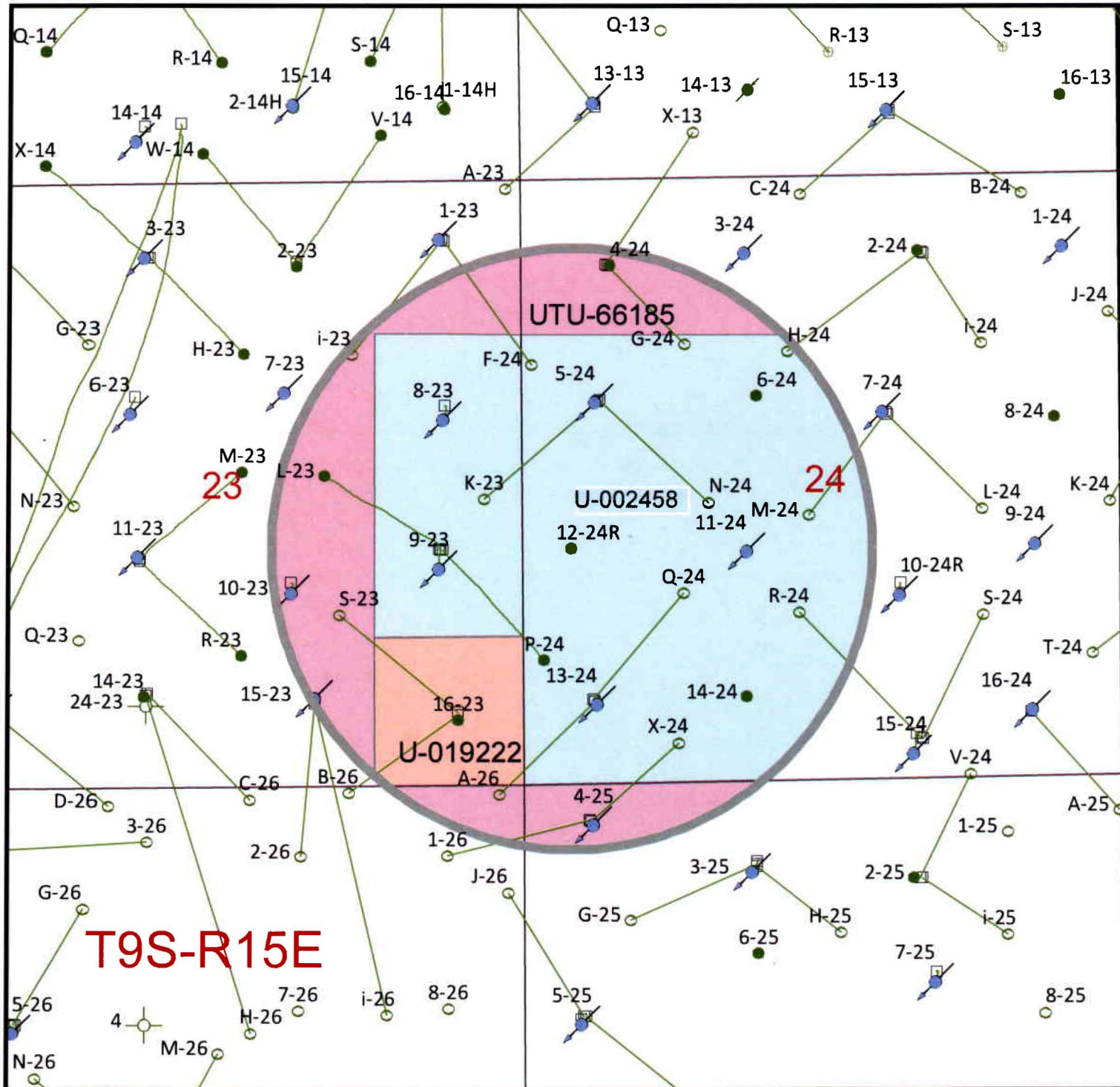
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Lease Number

U-019222

U-002458

UTU-66185

Half-Mile Buffer

Well Status

Location

Surface Spud

Drilling

Waiting on Completion

Producing Oil Well

Producing Gas Well

Water Injection Well

Water Disposal Well

Dry Hole

Temporarily Abandoned

Plugged & Abandoned

Shut In

Well Surface Location

Ashley Fed 12-24R-9-15
Section 24, T9S-R15E



1 in = 1,250 feet

1/2 Mile Radius Map

Duchesne County

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

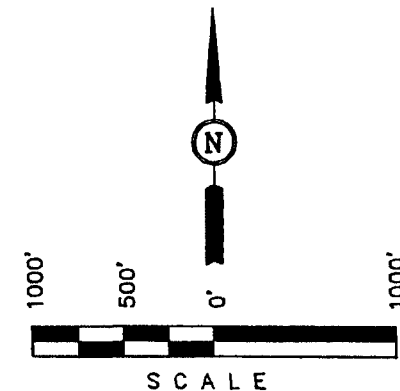
March 13, 2014

INLAND PRODUCTION CO.

Well location, ASHLEY FEDERAL #12-24R,
located as shown in the NW 1/4 SW 1/4
of Section 24, T9S, R15E, S.L.B.&M.
Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK M77 (1934) LOCATED IN THE NW 1/4
OF SECTION 25, T9S, R15E, S.L.B.&M. TAKEN FROM
THE MYTON SW QUADRANGLE, UTAH, DUCHESNE
COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP)
PUBLISHED BY THE UNITED STATES DEPARTMENT OF
THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION
IS MARKED AS BEING 6153 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

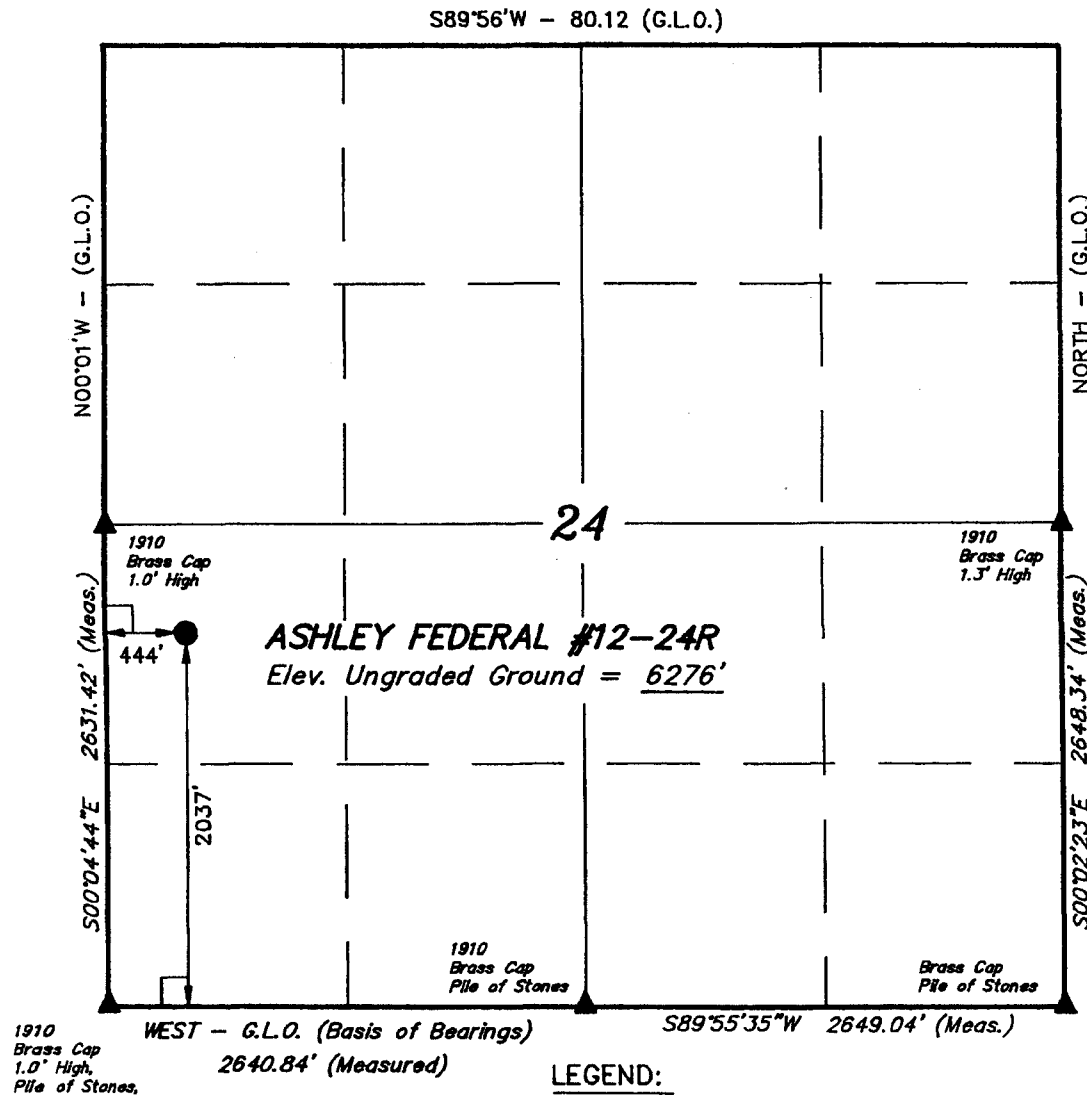
Robert L. Hay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

| | | |
|-----------------------------|-------------------------------|-----------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 2-29-96 | DATE DRAWN: 3-5-96 |
| PARTY L.D.T. M.R. D.R.B. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE INLAND PRODUCTION CO. | |

T9S, R15E, S.L.B.&M.



LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

EXHIBIT B

| # | Legal Description | Lessor & Expiration | Lessee & Operating Rights | Surface Owner |
|---|--|--------------------------|---|---------------|
| 1 | T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2 | USA UTU-66185 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 2 | T9S-R15E SLM Section 23: SESE | USA UTU-019222 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 3 | T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2 | USA UTU-002458 HBP | Newfield Production Company Newfield RMI LLC | USA |

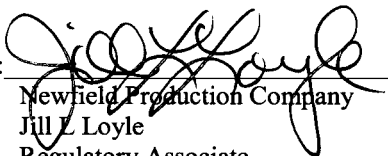
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Ashley Federal #12-24R-9-15

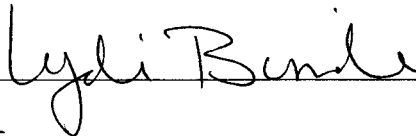
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 23rd day of April, 2014.

Notary Public in and for the State of Colorado: _____



My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Ashley Federal #12-24R-9-15

Formerly Castle Peak Unit #2

Wellbore Diagram

Spud Date: 12/15/62
 GL: 6275' KB: 6288'
 Plugged & Abandoned 8/14/71
 Re-Entered: 8/19/96
 POP: 9/6/96

Initial Production: 32 BOPD,
 30 MCFPD, 4 BWPD

SURFACE CASING

CSG SIZE: 13-3/8"
 GRADE: ?
 WEIGHT: 48#
 LENGTH: ? jts. (211.89)
 DEPTH LANDED: 210'
 HOLE SIZE: 17-1/2"
 CEMENT DATA: 300 Sx in place

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 14#
 LENGTH: ?
 DEPTH LANDED: 5346'
 HOLE SIZE: ?
 CEMENT DATA: 520 Sx
 CEMENT TOP AT: 3900'

TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5# M-50
 NO. OF JOINTS: 146 jts. (4564.71')
 TUBING ANCHOR: 4575.71' KB
 NO. OF JOINTS: 15 jts. (469.95')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5048.46' KB
 NO. OF JOINTS: 3 jts. (93.99')
 TOTAL STRING LENGTH: 5144.00' KB

SUCKER RODS

POLISHED ROD: 1-1/2 x 22' polished
 SUCKER RODS: 6- 1 1/2" wt. rods, 10- 3/4" scraper rods, 86 - 3/4" plain rods,
 99 - 3/4" scraper rods, 1-2', 1-8' x 3/4" pony rods.
 PUMP SIZE: 2-1/2 x 1-1/2 x 15 RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5 SPM
 LOGS: CBL (5282' - 3900')

FRAC JOB

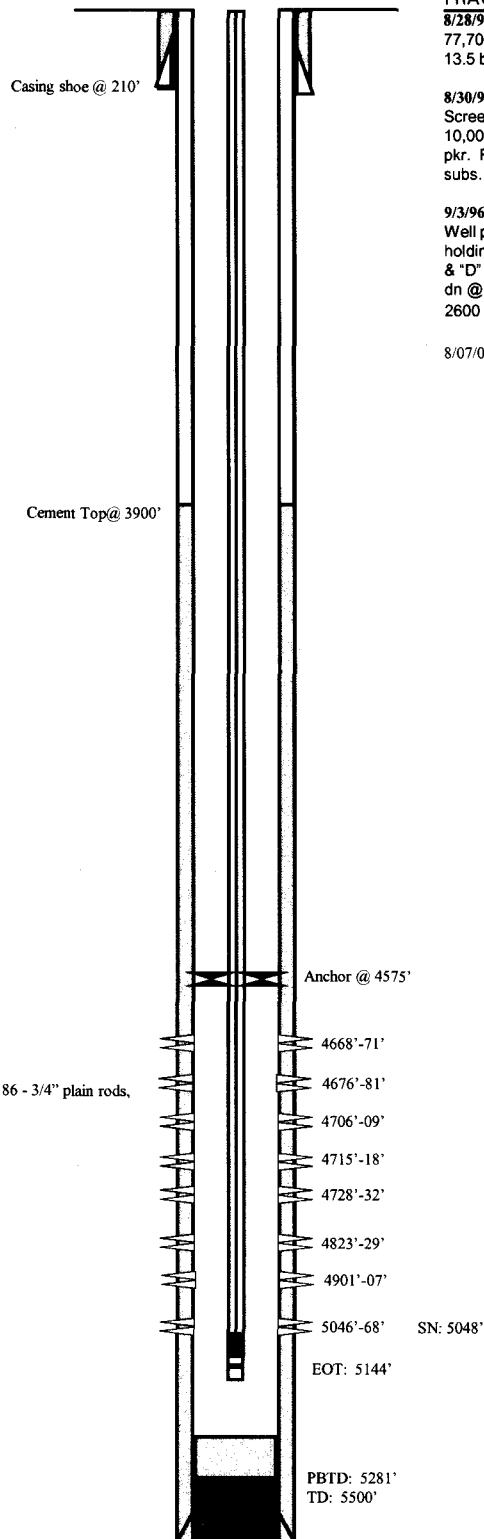
8/28/96 5046'-5068' A-3 Sand
 77,700# of 20/40 sd in 395 bbls of Boragel. Treated @ ave rate of
 13.5 bpm w/ave press of 3800 psi. ISIP: 2086 psi.

8/30/96 4823'-4907' A-0.5/B-2 Sand
 Screened out w/6.5# sd @ perms w/14,000# of sd in formation &
 10,000# of sd in tbq. Total fluid pmpd: 194 bbls Boragel. Release
 pkr. Reverse circ sd laden fluid out of tbq. Circ well clean. LD
 subs. Set pkr.

9/3/96 4668'-4732' C/D Sand
 Well pmpd 1400 gals off pad, tbq started to pmp out of hole (pkr not
 holding). SD. TOH w/pkr. NU tree saver. RU Halliburton & frac "C"
 & "D" sd dn tbq w/75,200# of 20/40 sd in 463 bbls of Boragel. Break
 dn @ 2892 psi. Treated @ ave rate of 30.2 bpm w/ave press of
 2600 psi. ISIP: 2989 psi.

8/07/02

Pump change. Update rod and tubing details.

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 8-27-96 | 5046'-5068' | 4 JSPF | 88 holes |
| 8-29-96 | 4901'-4907' | 4 JSPF | 24 holes |
| 8-29-96 | 4823'-4829' | 4 JSPF | 24 holes |
| 8-31-96 | 4728'-4732' | 4 JSPF | 16 holes |
| 8-31-96 | 4715'-4718' | 4 JSPF | 12 holes |
| 8-31-96 | 4706'-4709' | 4 JSPF | 12 holes |
| 8-31-96 | 4676'-4681' | 4 JSPF | 20 holes |
| 8-31-96 | 4668'-4671' | 4 JSPF | 12 holes |

NEWFIELD

Ashley Federal #12-24R-9-15
 2037 FSL & 444 FWL
 NWSW Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-15782; Lease #U-02458

Ashley Federal 4-24-9-15

Spud Date: 7/21/05
Put on Production: 9/8/05
GL: 6207' KB: 6219'

Initial Production: 48 BOPD,
33 MCFD, 43 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (297.38')
DEPTH LANDED: 307.38' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5952.65')
DEPTH LANDED: 5950.65' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.
CEMENT TOP AT: 340'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 176 jts (5698.66')
TUBING ANCHOR: 5710.66'
NO. OF JOINTS: 1 jts (32.53')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5745.99'
NO. OF JOINTS: 2 jts (65.14')
TOTAL STRING LENGTH: EOT @ 5812.68'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 98- 3/4" guided rods, 115- 3/4" plain rods, 10- 3/4" guided rods,
6- 1 1/2" weight bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 17" RTBC Mcgyver pump
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM

FRAC JOB

8/31/05 5784-5798' **Frac CP5 sand as follows:**
35,520#'s 20/40 sand in 360 bbls Lightning
17 frac fluid. Treated @ avg press of 1504 psi
w/avg rate of 23.4 BPM. ISIP 2400 Calc
Flush: 5782 gal. Actual Flush 5796 gals.

9/1/05 5593-5664' **Frac CP2&3 sand as follows:**
54,984#'s 20/40 sand in 483 bbls Lightning
17 frac fluid. Treated @ avg press of 1786 psi
w/avg rate of 23.2 BPM. ISIP 2400 Calc
flush: 5591 gal. Actual flush: 5586 gal.

9/1/05 4845-5005' **Frac B1, A.5, & A3 sand as follows:**
150,088#'s 20/40 sand in 1004 bbls Lightning
17 frac fluid. Treated @ avg press of 1542 psi
w/avg rate of 23.5 BPM. ISIP 1930 psi. Calc
flush: 4843 gal. Actual flush: 4872 gal.

9/1/05 4640-4647' **Frac D2 sand as follows:**
31,189#'s 20/40 sand in 304 bbls Lightning
17 frac fluid. Treated @ avg press of 1740 psi
w/avg rate of 23.4 BPM. ISIP 2150 psi. Calc
flush: 4638 gal. Actual flush: 4536 gal.

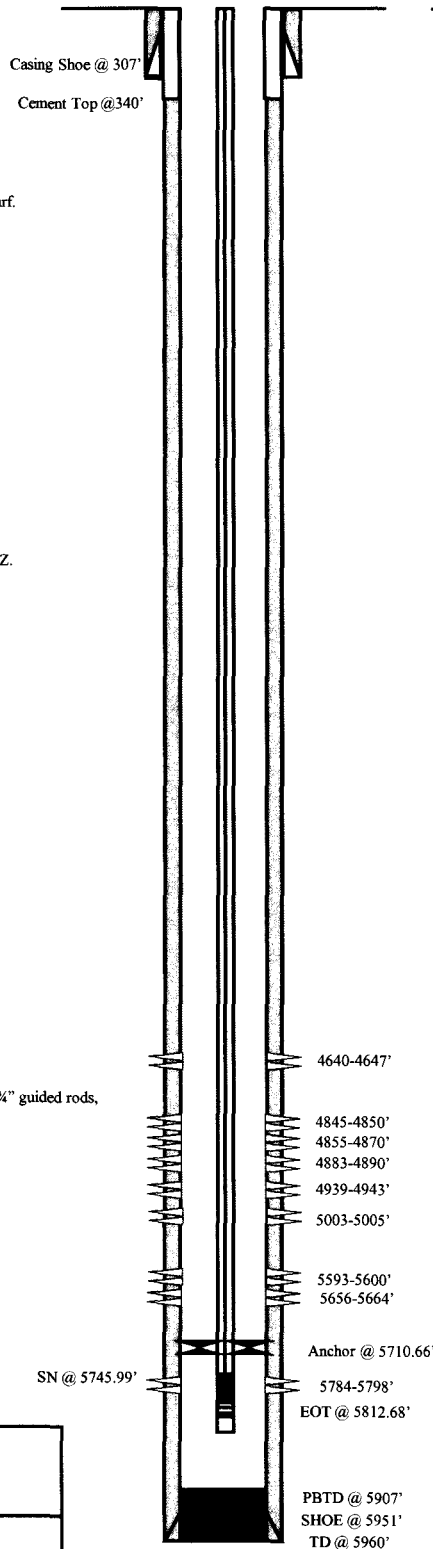
09/30/05 Stuck Pump (sanded in) Detailed rod and
tubing details.

10/1/07 Pump change. Updated rod & tubing details.

9/29/09 Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

| | | | |
|---------|------------|--------|----------|
| 8/23/05 | 5784-5798' | 4 JSPF | 56 holes |
| 8/31/05 | 5656-5664' | 4 JSPF | 32 holes |
| 8/31/05 | 5593-5600' | 4 JSPF | 28 holes |
| 9/1/05 | 5003-5005' | 4 JSPF | 8 holes |
| 9/1/05 | 4939-4943' | 4 JSPF | 16 holes |
| 9/1/05 | 4883-4890' | 4 JSPF | 28 holes |
| 9/1/05 | 4855-4870' | 4 JSPF | 60 holes |
| 9/1/05 | 4845-4850' | 4 JSPF | 20 holes |
| 9/1/05 | 4640-4647' | 4 JSPF | 28 holes |



Ashley Federal 4-24-9-15
768' FNL & 797' FWL
NW/NW Section 24-T9S-R15E
Duchesne Co, Utah
API #43-013-32646; Lease #UTU-66185

Ashley Federal 8-23-9-15

Spud Date: 5/30/06
 Put on Production: 7/6/06
 GL: 6284' KB: 6296'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.39')
 DEPTH LANDED: 322.39 KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5982.06')
 DEPTH LANDED: 5980.06' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 590'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 136 jts (4289.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4301.9' KB
 ON/OFF TOOL AT: 4303'
 ARROW #1 PACKER CE AT: 4309'
 XO 2-3/8 x 2-7/8 J-55 AT: 4312'
 TBG PUP 2-3/8 J-55 AT: 4312.6'
 X/N NIPPLE AT: 4316.7'
 TOTAL STRING LENGTH: EOT @ 4318.23'

FRAC JOB

6/28/06 5662'-5672' **Frac CP3 sands as follows:**
 29,959# 20/40 sand in 367 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1718 psi
 w/avg rate of 25.2 BPM. ISIP 1720 psi. Calc
 flush: 5660 gal. Actual flush: 5124 gal.

6/28/06 5189'-5249' **Frac LODC sands as follows:**
 49,873# 20/40 sand in 503 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 2485 psi
 w/avg rate of 26.1 BPM. ISIP 2370 psi. Calc
 flush: 5187 gal. Actual flush: 4662 gal.

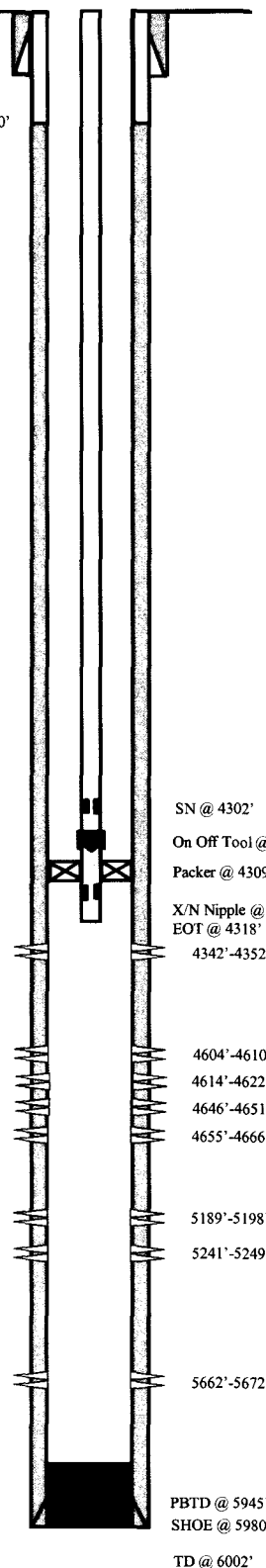
6/28/06 4604'-4666' **Frac D1&2 sands as follows:**
 75,344# 20/40 sand in 565 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1824 psi
 w/avg rate of 25.4 BPM. ISIP 2110 psi. Calc
 flush: 4602 gal. Actual flush: 4116 gal.

6/28/06 4342'-4352' **Frac PB10 sands as follows:**
 22,469# 20/40 sand in 324 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1614 psi
 w/avg rate of 14.5 BPM. ISIP 1915 psi. Calc
 flush: 4340 gal. Actual flush: 4242 gal.

09/01/06 **Pump Change.** Rod & Tubing detail updated.
 11/20/08 **Pump Change.** Updated rod & tubing details.
 1/21/10 **Pump Change.** Updated rod and tubing
 detail.
 06/07/13 **Convert to Injection Well**
 06/10/13 **Conversion MIT Finalized** - update tbg
 detail

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 6/23/06 | 5662'-5672' | 4 JSPF | 40 holes |
| 6/28/06 | 5241'-5249' | 4 JSPF | 32 holes |
| 6/28/06 | 5189'-5198' | 4 JSPF | 36 holes |
| 6/28/06 | 4655'-4666' | 4 JSPF | 44 holes |
| 6/28/06 | 4646'-4651' | 4 JSPF | 20 holes |
| 6/28/06 | 4614'-4622' | 4 JSPF | 32 holes |
| 6/28/06 | 4604'-4610' | 4 JSPF | 24 holes |
| 6/28/06 | 4342'-4352' | 4 JSPF | 40 holes |

**NEWFIELD**

Ashley Federal 8-23-9-15
 1970 FNL & 665 FEL
 SE/NE Sec. 23, T9S R15E
 Duchesne County, UT
 API# 43-013-32828; Lease# UTU-02458

Ashley Federal 5-24-9-15

Spud Date: 03/04/05

Put on Production: 04/25/05

GL: 6256' KB: 6268'

Initial Production: 63 BOPD,
122 MCFD, 18 BWPDInjection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (303.47')

DEPTH LANDED: 313.47' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 160 sks Class "G" Mix. Est 5 bbls cement to the pit

PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 166 jts. (5955.69')

DEPTH LANDED: 5953.69' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ mix.

CEMENT TOP AT: 1296'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 122 jts (3972.43')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 3984.43' KB

TOTAL STRING LENGTH: 3992.93' w/ 12' KB

Cement Top @ 1296'

Packer @ 3989'

EOT @ 3993'

4063'-4082'

4733'-4739'

5108'-5116'

5283'-5290'

5644'-5650'

5761'-5767'

5884'-5890'

PBTD @ 5930'

SHOE @ 5954'

TD @ 5975'

FRAC JOB

04/19/05 5644'-5890'

Frac BS, CP4, and CP3 sands as follows:
54,941# of 20/40 sand in 475 bbls lightning
17 frac fluid. Treated @ avg press of 2090
psi, w/avg rate of 25.3 bpm. ISIP 1880 psi.
Calc flush: 5642 gal. Actual flush: 5628 gal.

04/20/05 5283'-5290'

Frac LODC sands as follows:
29,853# of 20/40 sand in 325 bbls lightning
17 frac fluid. Treated @ avg press of 2597
psi, w/avg rate of 22.3 bpm. ISIP 2670 psi.
Calc flush: 5281 gal. Actual flush: 5292 gal.

04/20/05 5108'-5116'

Frac LODC sands as follows:
25,009# of 20/40 sand in 280 bbls lightning
17 frac fluid. Treated @ avg press of 1942
psi, w/avg rate of 15.3 bpm. ISIP 2100 psi.
Calc flush: 5106 gal. Actual flush: 5082 gal.

04/20/05 4733'-4739'

Frac C sands as follows:
20,166# of 20/40 sand in 246 bbls lightning
17 frac fluid. Treated @ avg press of 2122
psi, w/avg rate of 20.3 bpm. ISIP 2125 psi.
Calc flush: 4731 gal. Actual flush: 4746 gal.

04/20/05 4063'-4082'

Frac GB6 sands as follows:
151,917# of 20/40 sand in 991 bbls lightning
17 frac fluid. Treated @ avg press of 1586
psi, w/avg rate of 24.8 bpm. ISIP 1870 psi.
Calc flush: 4061 gal. Actual flush: 3948 gal.

12/14/06

**Well converted to an Injection well. Mit
completed and submitted.**PERFORATION RECORD

| | | | |
|----------|-------------|--------|----------|
| 04/12/05 | 5884'-5890' | 4 JSPF | 24 holes |
| 04/12/05 | 5761'-5767' | 4 JSPF | 24 holes |
| 04/12/05 | 5644'-5650' | 4 JSPF | 24 holes |
| 04/19/05 | 5283'-5290' | 4 JSPF | 28 holes |
| 04/20/05 | 5108'-5116' | 4 JSPF | 32 holes |
| 04/20/05 | 4733'-4739' | 4 JSPF | 24 holes |
| 04/20/05 | 4063'-4082' | 4 JSPF | 76 holes |

NEWFIELD**Ashley Federal 5-24-9-15**

1980' FNL & 649' FWL

SW/NW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32484; Lease #UTU-02458

CD 1/12/07

Ashley Federal 6-24-9-15

Spud Date: 07/03/06
Put on Production: 08/09/06
K.B.: 6253, G.L.: 6241

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.14')
DEPTH LANDED: 321.99' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

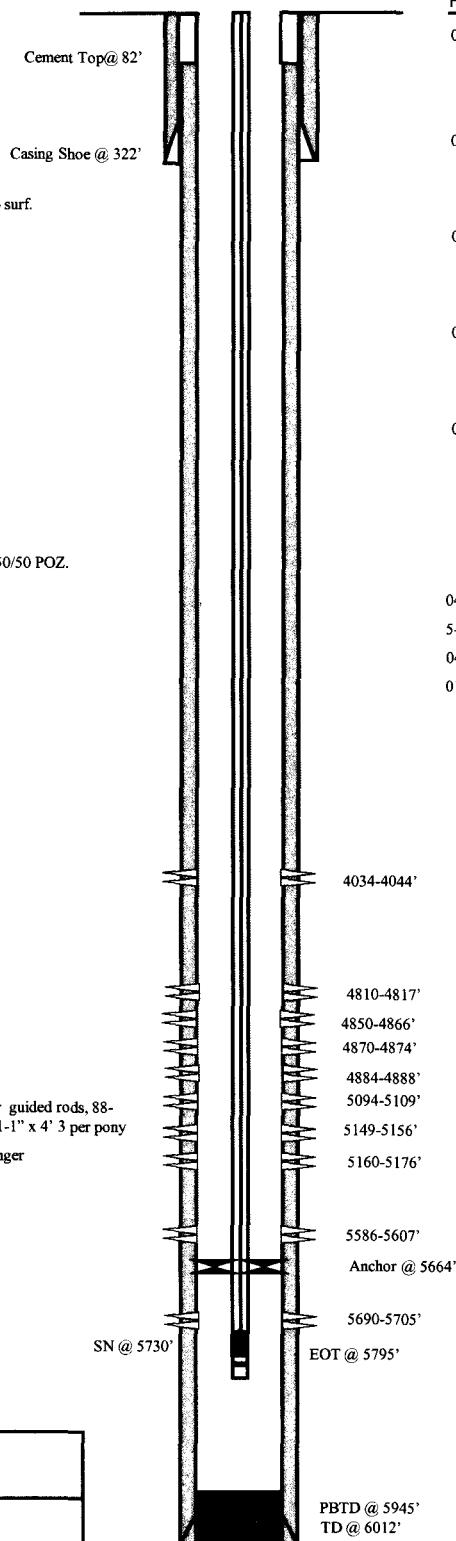
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5976.93')
DEPTH LANDED: 5990.18' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 82'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 179 jts (5663.5')
TUBING ANCHOR: 5663.5' KB
NO. OF JOINTS: 2 jts (63.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5729.7' KB
NO. OF JOINTS: 2 jts (63.40')
TOTAL STRING LENGTH: EOT @ 5795.' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-4, 1-6', x 3/4" pony rods, 99-3/4" 4 per guided rods, 88-3/4" sucker rods, 35-3/4" guided rods, 6-1 1/2" sinker bars. 1-1" x 4' 3 per pony
PUMP SIZE: 2-1/2" x 1-1/2" x 13' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

| | | |
|----------|------------|--|
| 08/03/06 | 5690-5705' | Frac CP4 sands as follows: 45123# 20/40 sand 428 bbls Lightning 17 frac fluid. Treated @ avg press of 1888 psi w/avg rate of 25 BPM. ISIP 1825 psi. Calc flush: 5703 gal. Actual flush: 5208 gal. |
| 08/03/06 | 5586-5607' | Frac CP2 sands as follows: 55280# 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1869 psi w/avg rate of 25 BPM. ISIP 1930 psi. Calc flush: 5605 gal. Actual flush: 5040 gal. |
| 08/03/06 | 5094-5176' | Frac LODC sands as follows: 109900# 20/40 sand in 779 bbls Lightning 17 frac fluid. Treated @ avg press of 2124 psi w/avg rate of 25 BPM. ISIP 2350 psi. Calc flush: 5174 gal. Actual flush: 4578 gal. |
| 08/03/06 | 4810-4888' | Frac B1, B2 sands as follows: 135567# 20/40 sand in 929 bbls Lightning 17 frac fluid. Treated @ avg press of 1605 psi w/avg rate of 25.3 BPM. ISIP 1720 psi. Calc flush: 4886 gal. Actual flush: 4284 gal. |
| 08/04/06 | 4034-4044' | Frac GB4 sands as follows: 52617# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated @ avg press of 1691 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 4042 gal. Actual flush: 3906 gal. |
| 04/04/07 | | Pump Change: Rod & tubing detail updated. |
| 5-15-07 | | Pump Change: Rod & tubing detail updated. |
| 04-08-10 | | Parted Rods: Rod & tubing detail updated. |
| 01/26/11 | | Pump Change: Rod & tubing detail updated. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 07/27/06 | 5690-5705' | 4 JSPF | 60 holes |
| 08/03/06 | 5586-5607' | 4 JSPF | 84 holes |
| 08/03/06 | 5160-5176' | 4 JSPF | 64 holes |
| 08/03/06 | 5149-5156' | 4 JSPF | 28 holes |
| 08/03/06 | 5094-5109' | 4 JSPF | 40 holes |
| 08/03/06 | 4884-4888' | 4 JSPF | 16 holes |
| 08/03/06 | 4870-4874' | 4 JSPF | 16 holes |
| 08/03/06 | 4850-4866' | 4 JSPF | 64 holes |
| 08/03/06 | 4810-4817' | 4 JSPF | 28 holes |
| 08/03/06 | 4034-4044' | 4 JSPF | 40 holes |

NEWFIELD**Ashley Federal 6-24-9-15**

1913' FNL & 2076' FWL

SE/NW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32874; Lease #UTU-02458

Ashley Federal 4-25-9-15

Spud Date: 06/22/06
Put on Production: 07/28/06
K.B.: 6379, G.L.: 6367

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.94')
DEPTH LANDED: 322.79' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5869.18')
DEPTH LANDED: 5882.43' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 137 jts (4311.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4323.1' KB
ON/OFF TOOL AT: 4324.2'
ARROW #1 PACKER CE AT: 4329.6'
XO 2-3/8 x 2-7/8 J-55 AT: 4333.2'
TBG PUP 2-3/8 J-55 AT: 4333.7'
X/N NIPPLE AT: 4337.9'
TOTAL STRING LENGTH: EOT @ 4339.39'

FRAC JOB

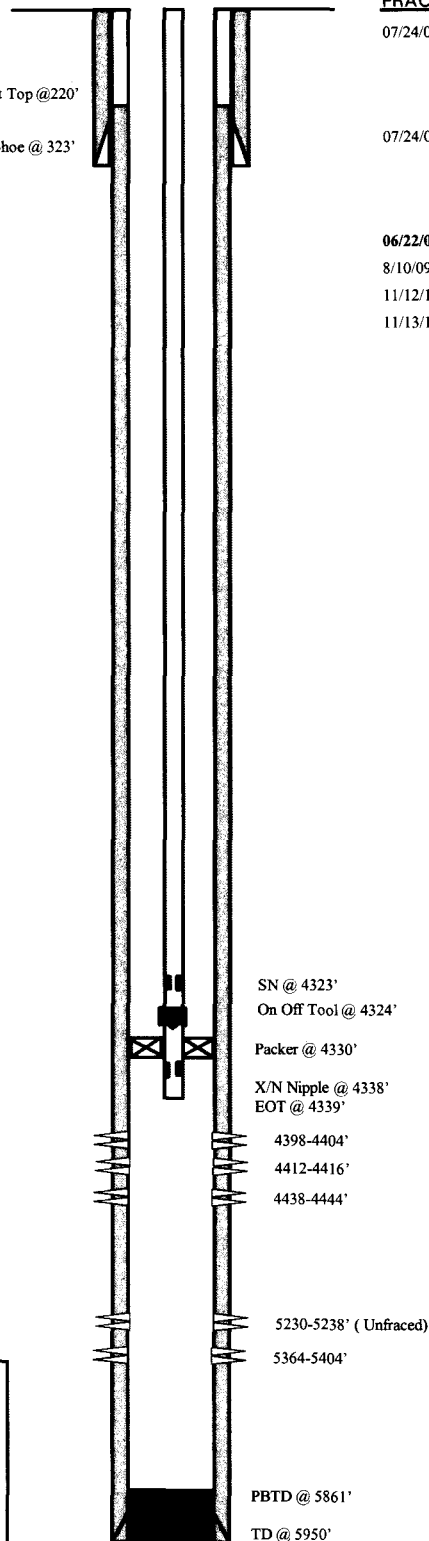
07/24/06 5364-5404' **Frac LODC sands as follows:**
168996# 20/40 sand in 1145 bbls Lightning 17
frac fluid. Treated @ avg press of 2069 psi
w/avg rate of 24.8 BPM. ISIP 2260 psi. Calc
flush: 5402 gal. Actual flush: 4876 gal.

07/24/06 4398-4444' **Frac DS1, DS2 sands as follows:**
39568# 20/40 sand in 421 bbls Lightning 17
frac fluid. Treated @ avg press of 1718 psi
w/avg rate of 24.8 BPM. ISIP 1640 psi. Calc
flush: 4442 gal. Actual flush: 4284 gal.

06/22/07 **Workover** Rod & Tubing detail updated.
8/10/09 **Parted rods**, updated rod & tubing details.
11/12/13 **Convert to Injection Well**
11/13/13 **Conversion MIT Finalized** - update tbg
detail

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 07/18/06 | 5364-5404' | 2 JSPF | 80 holes |
| 07/24/06 | 5230-5238' | 4 JSPF | 32 holes |
| 07/24/06 | 4438-4444' | 4 JSPF | 24 holes |
| 07/24/06 | 4412-4416' | 4 JSPF | 16 holes |
| 07/24/06 | 4398-4404' | 4 JSPF | 24 holes |



NEWFIELD

Ashley Federal 4-25-9-15

394' FNL & 624' FWL
NW/NW Section 25-T9S-R15E
Duchesne Co, Utah
API #43-013-32884; Lease #UTU-66185

Ashley Federal 15-23-9-15

Spud Date: 06/06/06
Put on Production: 07/12/06
K.B.: 6373, G.L.: 6361

Initial Production: BOPD,
MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305.56')
DEPTH LANDED: 317.41' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146 jts. (5945.28')
DEPTH LANDED: 5958.53' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 520 sxs 50/50 POZ.
CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" J-55 tbg
NO. OF JOINTS: 158 jts (4995.80')
PACKER: 5012' KB (2.80')
SN LANDED AT: 5007.80' KB
TOTAL STRING LENGTH: EOT @ 5016.10' KB

Cement top @ 120'

Packer @ 5012'
EOT @ 5016'

5064-5069'

5112-5120'

5134-5166'

5177-5186'

5456-5472'

5718-5730'

PBTD @ 5937'

SHOE @ 5958'

TD @ 5985'

FRAC JOB

| | | |
|----------|------------|---|
| 07/06/06 | 5718-5730' | Frac CP4, sands as follows: 29821# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25.1 BPM. ISIP 1480 psi. Calc flush: 5728 gal. Actual flush: 5212 gal. |
| 07/07/06 | 5456-5472' | Frac CP1 sands as follows: 60199# 20/40 sand in 491 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25.1 BPM. ISIP 2150 psi. Calc flush: 5470 gal. Actual flush: 4944 gal. |
| 07/07/06 | 5064-5186' | Frac LODC sands as follows: 246738# 20/40 sand in 1669 bbls Lightning 17 frac fluid. Treated @ avg press of 2553 psi w/avg rate of 40 BPM. ISIP 2675 psi. Calc flush: 5184 gal. Actual flush: 4965 gal. Pump change. Updated rod & tubing detail. |
| 8/9/07 | | |
| 2/23/08 | | Well converted to an Injection well. |
| 2/29/08 | | MIT completed and submitted. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|-----------|
| 06/29/06 | 5718-5730' | 4 JSPF | 48 holes |
| 07/06/06 | 5456-5472' | 4 JSPF | 64 holes |
| 07/07/06 | 5177-5186' | 4 JSPF | 36 holes |
| 07/07/06 | 5134-5166' | 4 JSPF | 128 holes |
| 07/07/06 | 5112-5120' | 4 JSPF | 32 holes |
| 07/07/06 | 5064-5069' | 4 JSPF | 20 holes |

NEWFIELD

Ashley Federal 15-23-9-15

743' FSL & 1837' FEL

SW/SE Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32831; Lease #UTU-66185

Spud Date: 2-11-05
 Put on Production: 4-13-05
 GL: 6354' KB: 6366'

Ashley Federal 16-23-9-15

Initial Production: 43 BOPD,
 10 MCFD, 352 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

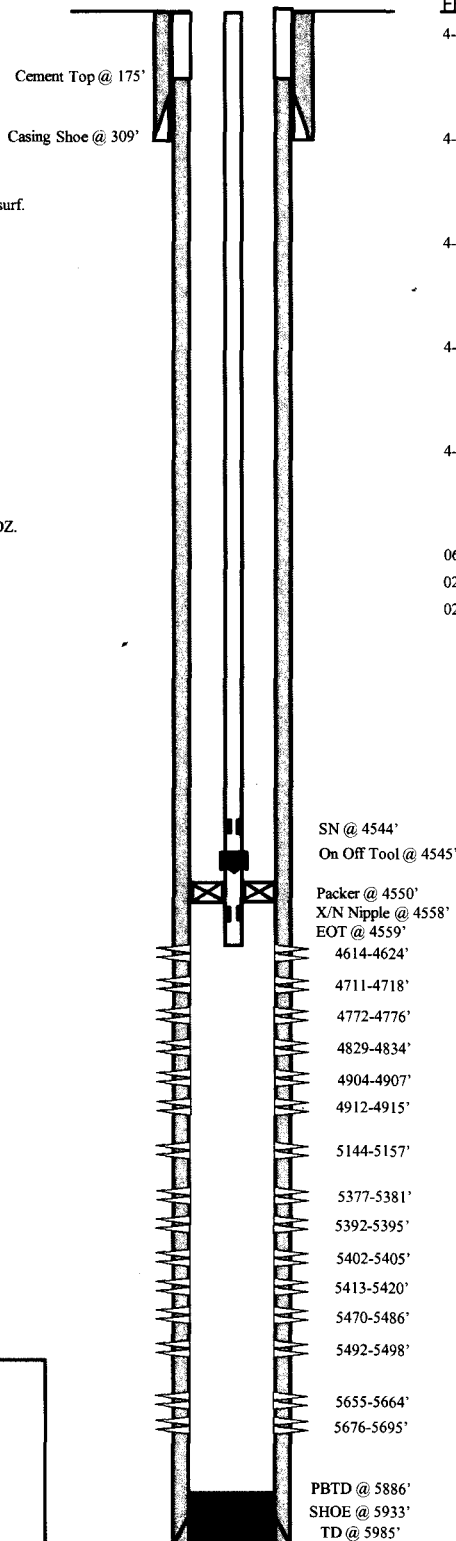
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.19')
 DEPTH LANDED: 309.09' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5919.73')
 DEPTH LANDED: 5932.98' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 383 sxs Prem. Lite II & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 175'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 143 jts (4531.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4543.8' KB
 ON/OFF TOOL AT: 4544.9'
 ARROW #1 PACKER CE AT: 4550'
 XO 2-3/8 x 2-7/8 J-55 AT: 4553.7'
 TBG PUP 2-3/8 J-55 AT: 4554.2'
 X/N NIPPLE AT: 4558.3'
 TOTAL STRING LENGTH: EOT @ 4559.46'



FRAC JOB

4-7-05 5655-5695' **Frac CP4 sand as follows:**
 70109#'s 20/40 sand in 565 bbls Lightning
 17 frac fluid. Treated @ avg press of 1765 psi
 w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc
 flush: 5653 gal. Actual flush: 5712 gal.

4-7-05 5392-5498' **Frac CP1 & LODC sand as follows:**
 149552#'s 20/40 sand in 1025 bbls Lightning
 17 frac fluid. Treated @ avg press of 1685 psi
 w/avg rate of 24.3 BPM. ISIP 2000 psi. Calc
 flush: 5390 gal. Actual flush: 5376 gal.

4-7-05 5144-5157' **Frac LODC, sand as follows:**
 49887#'s 20/40 sand in 430 bbls Lightning
 17 frac fluid. Treated @ avg press of 2253 psi
 w/avg rate of 24.7 BPM. ISIP 2060 psi. Calc
 flush: 5142 gal. Actual flush: 5124 gal.

4-8-05 4711-4915' **Frac C, B.5, B2, A5, sand as follows:**
 74587#'s 20/40 sand in 571 bbls Lightning
 17 frac fluid. Treated @ avg press of 1490 psi
 w/avg rate of 24.7 BPM. ISIP 1770 psi. Calc
 flush: 4709 gal. Actual flush: 4746 gal.

4-8-05 4614-4624' **Frac D2, sand as follows:**
 11246#'s 20/40 sand in 210 bbls Lightning
 17 frac fluid. Treated @ avg press of 1648 psi
 w/avg rate of 24.9 BPM. ISIP 1660 psi. Calc
 flush: 4612 gal. Actual flush: 4536 gal.

06/30/05 **Pump Change.** Update rod and tubing detail.
 02/11/14 **Convert to Injection Well**
 02/13/14 **Conversion MIT Finalized** - update tbg
 detail

PERFORATION RECORD

| | | | |
|---------|------------|--------|----------|
| 3-24-05 | 5655-5664' | 4 JSPF | 36 holes |
| 3-24-05 | 5676-5695' | 4 JSPF | 76 holes |
| 4-7-05 | 5392-5395' | 4 JSPF | 12 holes |
| 4-7-05 | 5402-5405' | 4 JSPF | 2 holes |
| 4-7-05 | 5413-5420' | 4 JSPF | 28 holes |
| 4-7-05 | 5470-5486' | 4 JSPF | 64 holes |
| 4-7-05 | 5492-5498' | 4 JSPF | 24 holes |
| 4-7-05 | 5377-5381' | 4 JSPF | 16 holes |
| 4-7-05 | 5144-5157' | 4 JSPF | 52 holes |
| 4-7-05 | 4711-4718' | 4 JSPF | 28 holes |
| 4-7-05 | 4772-4776' | 4 JSPF | 16 holes |
| 4-7-05 | 4829-4834' | 4 JSPF | 20 holes |
| 4-7-05 | 4904-4907' | 4 JSPF | 12 holes |
| 4-7-05 | 4912-4915' | 4 JSPF | 12 holes |
| 4-8-05 | 4614-4624' | 4 JSPF | 40 holes |

NEWFIELD

Ashley Federal 16-23-9-15
 545' FSL & 565' FEL
 SE/SE Section 23-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32425; Lcase #UTU-19222

Ashley Federal 13-24-9-15

Spud Date: 07/09/06
Put on Production: 08/14/06
K.B.: 6343, G.L.: 6331

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.53')
DEPTH LANDED: 322.38' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

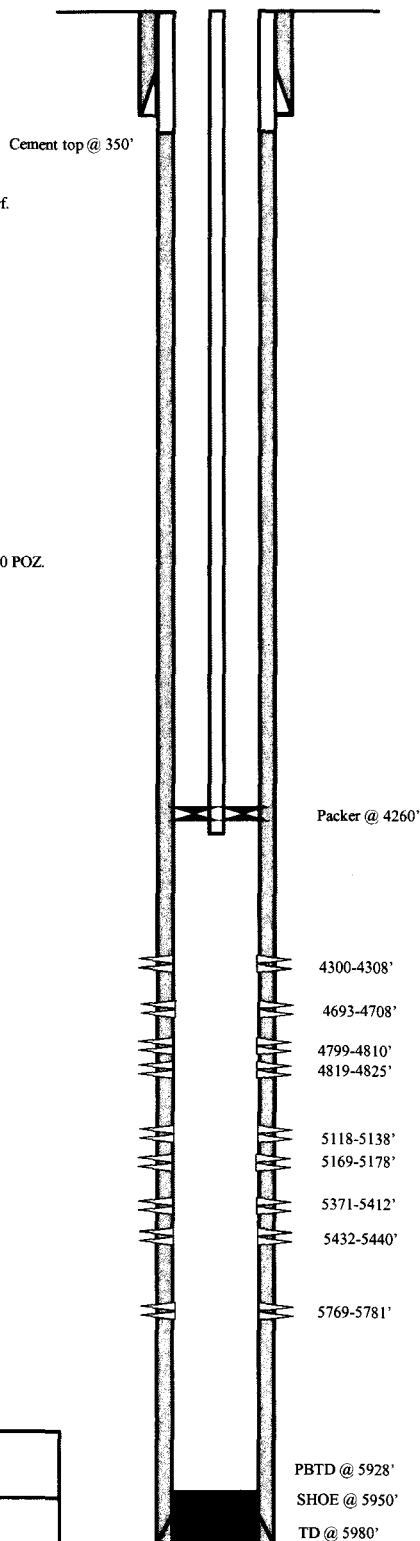
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5936.81')
DEPTH LANDED: 5950.06' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 350'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 134 jts (4243.99')
TUBING PACKER: 4260.44' KB
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4255.99' KB
TOTAL STRING LENGTH: EOT @ 4264.84' KB

Injection Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

| | | |
|----------|------------|--|
| 08/08/06 | 5769-5781' | Frac CP5, sands as follows: 35142# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2320 psi w/avg rate of 25.1 BPM. ISIP 2425 psi. Calc flush: 5779 gal. Actual flush: 5254 gal. |
| 08/08/06 | 5371-5440' | Frac CPI, LODC sands as follows: 147433# 20/40 sand in 998 bbls Lightning 17 frac fluid. Treated @ avg press of 1835 psi w/avg rate of 225 BPM. ISIP 2075 psi. Calc flush: 5438 gal. Actual flush: 4880 gal. |
| 08/08/06 | 5118-5178' | Frac LODC sands as follows: 80602# 20/40 sand in 644 bbls Lightning 17 frac fluid. Treated @ avg press of 2500 psi w/avg rate of 24.9 BPM. ISIP 2875 psi. Calc flush: 5176 gal. Actual flush: 4591 gal. |
| 08/09/06 | 4799-4825' | Frac B2 sands as follows: 45410# 20/40 sand in 519 bbls Lightning 17 frac fluid. Treated @ avg press of 1710 psi w/avg rate of 25.1 BPM. ISIP 1750 psi. Calc flush: 4823 gal. Actual flush: 4322 gal. |
| 08/09/06 | 4693-4708' | Frac C sands as follows: 45123# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2040 psi w/avg rate of 25.2 BPM. ISIP 1975 psi. Calc flush: 4706 gal. Actual flush: 4183 gal. |
| 08/09/06 | 4300-4308' | Frac PB10 sands as follows: 30040# 20/40 sand in 334 bbls Lightning 17 frac fluid. Treated @ avg press of 2200 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4306 gal. Actual flush: 4217 gal. |
| 05/28/08 | | hole in tubing. Updated rod and tubing details |
| 10/7/08 | | Well converted to an Injection Well. |
| 10/23/08 | | 5 Year MIT completed and submitted. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 07/31/06 | 5769-5781' | 4 JSPF | 48 holes |
| 08/08/06 | 5432-5440' | 4 JSPF | 32 holes |
| 08/08/06 | 5371-5412' | 2 JSPF | 82 holes |
| 08/08/06 | 5169-5178' | 4 JSPF | 36 holes |
| 08/08/06 | 5118-5138' | 4 JSPF | 80 holes |
| 08/08/06 | 4819-4825' | 4 JSPF | 24 holes |
| 08/08/06 | 4799-4810' | 4 JSPF | 44 holes |
| 08/09/06 | 4693-4708' | 4 JSPF | 60 holes |
| 08/09/06 | 4300-4308' | 4 JSPF | 32 holes |

NEWFIELD

Ashley Federal 13-24-9-15

600' FSL & 660' FWL

SW/SW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32820; Lease #UTU-02458

NEWFIELD



Schematic

43-013-32821

Well Name: Ashley 14-24-9-15

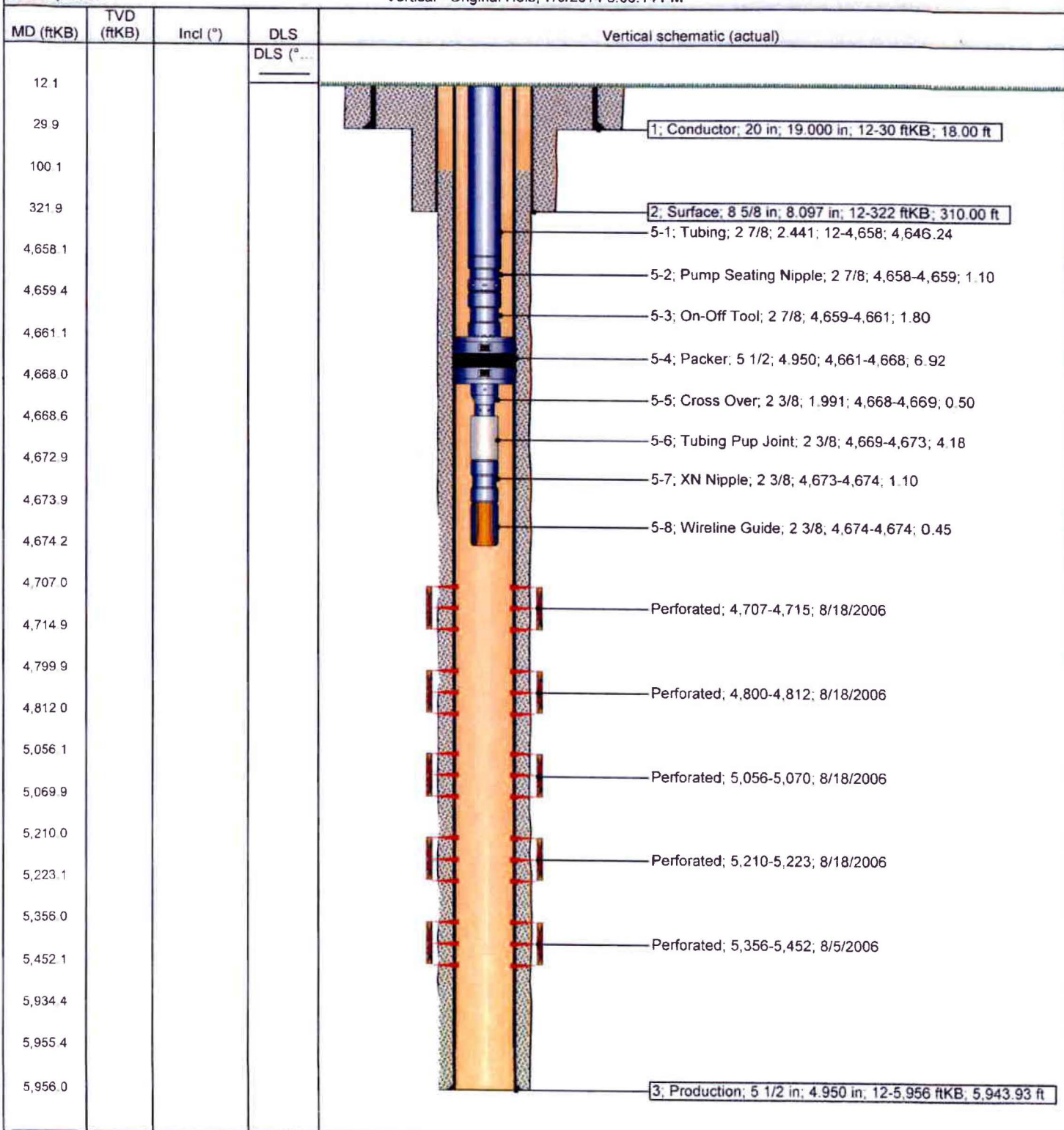
| | | | | | | |
|-------------------------------------|-------------------------------|---------------------------------|-------------------------------------|--------------------------------|------------------------------|-------------------|
| Surface Legal Location 24-9S-15E | API/UWI 43013328210000 | Well RC 500159431 | Lease | State/Province Utah | Field Name GMBU CTB3 | County N/A |
| Spud Date 7/11/2006 | Rig Release Date 7/26/2006 | On Production Date 8/23/2006 | Original KB Elevation (ft) 6,324 | Ground Elevation (ft) 6,312 | Total Depth All (TVD) (ftKB) | PBTD (All) (ftKB) |

Most Recent Job

| | | | | |
|---------------------------------------|--------------------------------|-----------------------------|----------------------------|--------------------------|
| Job Category Production / Workover | Primary Job Type Conversion | Secondary Job Type Basic | Job Start Date 7/2/2014 | Job End Date 7/8/2014 |
|---------------------------------------|--------------------------------|-----------------------------|----------------------------|--------------------------|

TD: 5,956.0

Vertical - Original Hole, 7/9/2014 3:08:14 PM



Ashley Federal 11-24-9-15

Spud Date: 03/28/05
 Put on Production: 05/27/05
 GL: 6240' KB: 6250'

Initial Production: BOPD 34,
 MCFD 107, BWPD 80

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.2')
 DEPTH LANDED: 312.2'
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160sxs Class G with 2% CaCL. 5 bbls cmt to pit

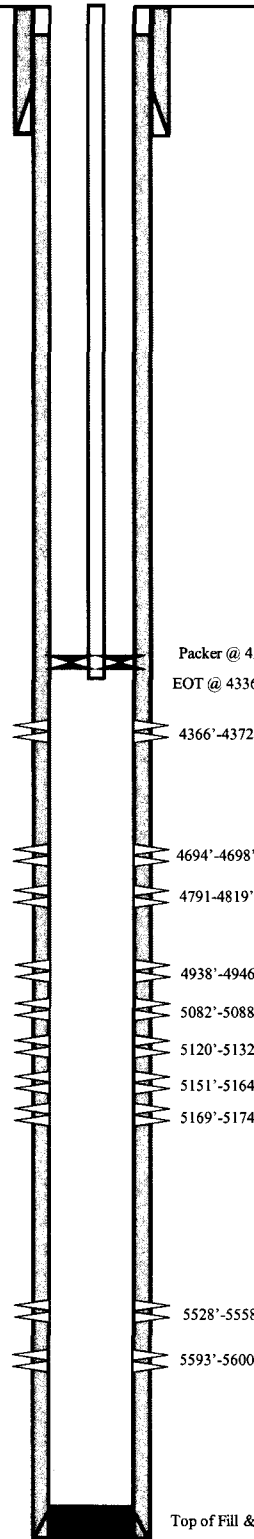
PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 164 jts. (5839.01')
 DEPTH LANDED: 5837.01' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
 CEMENT TOP AT: 114'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 131 jts (4303')
 SEATING NIPPLE: 2 7/8" (1.10")
 SN LANDED AT: 4334.80' KB
 TOTAL STRING LENGTH: 4336.35' w/ 12' KB

Cement Top @ 114'

FRAC JOB

05/19/05 5528'-5600' **Frac CP3 and CP2 sands as follows:**
 101,424# of 20/40 sand in 794 bbls lightning
 frac 17 fluid. Treated @ avg press of 1900
 w/ avg rate of 24.8 bpm. ISIP 2100 psi.
 Calc flush: 5526 gal. Actual flush: 5502 gal.

05/19/05 5082'-5174' **Frac LODC sands as follows:**
 120,399# of 20/40 sand in 837 bbls lightning
 frac 17 fluid. Treated @ avg press of 2495
 w/ avg rate of 24.8 bpm. ISIP 2720 psi. Calc
 flush: 5080 gal. Actual flush: 5124 gal.

05/20/05 4938'-4946' **Frac A3 sands as follows:**
 27,296# of 20/40 sand in 305 bbl lightning 17
 frac fluid. Treated @ avg press of 2388 w/ avg
 rate of 24.8 bpm. ISIP 2580 psi. Calc flush:
 4936 gal. Actual flush: 4956 gal.

05/20/05 4791'-4819' **Frac B2 sands as follows:**
 98,819# of 20/40 sand in 706 bbls lightning
 frac 17 fluid. Treated @ avg press of 1778
 w/ avg rate of 25 bpm. ISIP 2000 psi. Calc
 flush: 4789 gal. Actual flush: 4830 gal.

05/20/05 4366'-4372' **Frac X-Stray sands as follows:**
 35,995# of 20/40 sand in 346 bbls lightning
 17 frac fluid. Treated @ avg press of 2485
 w/ avg rate of 24.7 bpm. ISIP 1490 psi. Calc
 flush: 4364 gal. Actual flush: 4284 gal.

11-30-05
 12-12-05
 6-16-06
 09-29-06
 12-1-06
 4/24/07

Packer @ 4319'
 EOT @ 4336'

Pump change: Update rod and tubing details.
Water Isolation.
Re-Completion: Update rod and tubing detail
Pump Change: Updated tubing and rod detail.
Pump Change: Updated tubing and rod detail.

**Well converted to an Injection well. MIT
 completed and submitted on 5/14/07.**

PERFORATION RECORD

| | | | |
|----------|-------------|--------|--------------------|
| 05/09/05 | 5593'-5600' | 4 JSPF | 28 holes |
| 05/09/05 | 5528'-5558' | 2 JSPF | 28 holes |
| 05/19/05 | 5169'-5174' | 4 JSPF | 20 holes |
| 05/19/05 | 5151'-5164' | 4 JSPF | 52 holes |
| 05/19/05 | 5120'-5132' | 4 JSPF | 48 holes |
| 05/19/05 | 5082'-5088' | 4 JSPF | 24 holes |
| 05/19/05 | 4938'-4946' | 4 JSPF | 32 holes |
| 05/20/05 | 4694'-4698' | 4 JSPF | 16 holes (No Frac) |
| 05/20/05 | 4791'-4819' | 4 JSPF | 112 holes |
| 05/20/05 | 4366'-4372' | 4 JSPF | 24 holes |

Top of Fill & PBDT @ 5800'

SHOE @ 5837'

TD @ 5860'

NEWFIELD

ASHLEY FEDERAL 11-24-9-15
 1981' FSL & 1980' FWL
 NE/SW Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32424; Lease #UTU-02458

CR 5/14/07

Spud Date: 2-21-05
Put on Production: 4-18-05
GL: 6323' KB: 6335'

Ashley Federal 9-23-9-15

Initial Production: 34 BOPD,
5 MCFD, 33 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.4')
DEPTH LANDED: 311.4' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (5975.48')
DEPTH LANDED: 5976.73' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.
CEMENT TOP AT: 56'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 142 jts (4618.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4630' KB
CE @ 4634'
TOTAL STRING LENGTH: EOT @ 4638.61' KB

FRAC JOB

4-12-05 5592-5676' **Frac CP 2 & CP3 sand as follows:**
29578#'s 20/40 sand in 335 bbls Lightning
17 frac fluid. Treated @ avg press of 1548 psi
w/avg rate of 24.2 BPM. ISIP 1880. Calc.
flush: 5590, Actual flush: 5628

4-13-05 5466-5488' **Frac CP1 & CP5 sand as follows:**
24612#'s 20/40 sand in 302 bbls Lightning
17 frac fluid. Treated @ avg press of 1760 psi
w/avg rate of 23.3 BPM. ISIP 2220 Calc
Actual flush: 5502 gal.

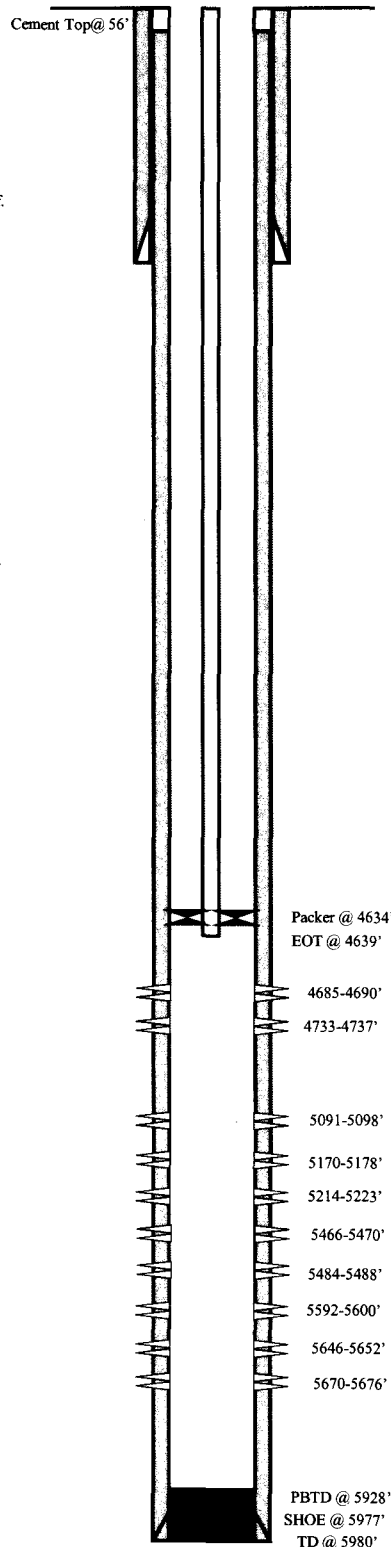
4-13-05 5091-5223' **Frac LODC, sand as follows:**
90073#'s 20/40 sand in 662 bbls Lightning
17 frac fluid. Treated @ avg press of 2193 psi
w/avg rate of 24.2 BPM. ISIP 2480 psi. Calc
flush: 5089 gal. Actual flush: 5082 gal.

4-13-05 4685-4737' **Frac C & D3 sand as follows:**
37289#'s 20/40 sand in 355 bbls Lightning
17 frac fluid. Treated @ avg press of 2018 psi
w/avg rate of 24.9 BPM. ISIP 2320 psi. Calc
flush: 4683 gal. Actual flush: 4578 gal.

5/25/06 **Well converted to an Injection well.**
6/8/06 **MIT completed and submitted.**
5/4/11 **5 YR MIT Completed**

PERFORATION RECORD

| | | | |
|---------|------------|--------|----------|
| 4-12-05 | 5592-5600' | 4 JSPF | 32 holes |
| 4-12-05 | 5646-5652' | 4 JSPF | 24 holes |
| 4-12-05 | 5670-5676' | 4 JSPF | 24 holes |
| 4-13-05 | 5466-5470' | 4 JSPF | 16 holes |
| 4-13-05 | 5484-5488' | 4 JSPF | 16 holes |
| 4-13-05 | 5091-5098' | 4 JSPF | 28 holes |
| 4-13-05 | 5170-5178' | 4 JSPF | 32 holes |
| 4-13-05 | 5214-5223' | 4 JSPF | 36 holes |
| 4-13-05 | 4685-4690' | 4 JSPF | 20 holes |
| 4-13-05 | 4733-4737' | 4 JSPF | 16 holes |



Ashley Federal 9-23-9-15
2050' FSL & 726' FEL
NE/SE Section 23-T9S-R15E
Duchesne Co, Utah
API #43-013-32426; Lease # UTU-02458

Ashley Federal 10-23-9-15

Spud Date: 6/7/1995
 Put on Production: 12/21/1995
 GL: 6406' KB: 6420'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (296.05')
 DEPTH LANDED: 294.75' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 130 sxs Class "G" cmt.

PRODUCTION CASING

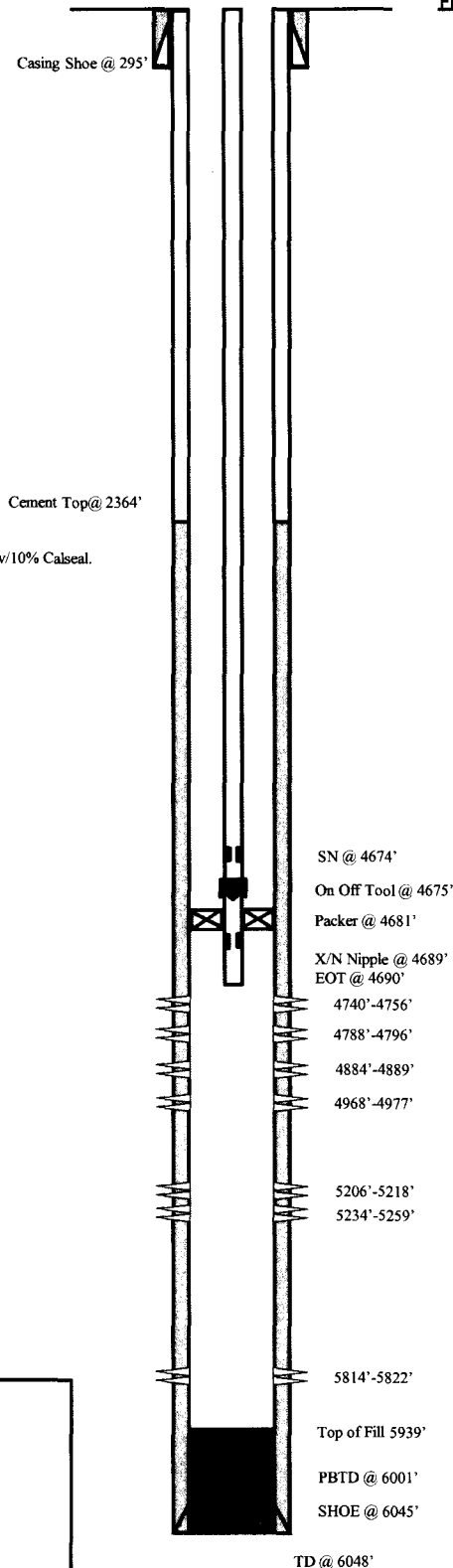
CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6047.14')
 DEPTH LANDED: 6045.48' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs HiFill & 333 sxs Class G cmnt. w/10% Calseal.
 CEMENT TOP AT: 2364' CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4660.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4673.9' KB
 ON/OFF TOOL AT: 4675'
 ARROW #1 PACKER CE AT: 4681'
 XO 2-3/8 x 2-7/8 J-55 AT: 4684'
 TBG PUP 2-3/8 J-55 AT: 4684.5'
 X/N NIPPLE AT: 4688.7'
 TOTAL STRING LENGTH: EOT @ 4690.21'

FRAC JOB

| | | |
|----------|-------------|---|
| 12/7/95 | 5814'-5822' | Frac CP3 sands as follows: 54,500# 20/40 sand in 547 bbls Boragel fluid. Treated @ avg press of 2200 psi w/avg rate of 26 BPM. ISIP 2078 psi. Calc flush: 5814 gal. Actual flush: 5747 gal. |
| 12/9/95 | 5206'-5259' | LDC sands as follows: 113,300# 20/40 sand in 31,357 gal. Boragel fluid. ISIP 2445 psi. Calc flush: 5206' gal. Actual flush: 5156 gal. |
| 12/12/95 | 4968'-4977' | Frac A sands as follows: 21,200# 20/40 sand in 12,028 gal. Boragel fluid. ISIP 2291 psi. Calc flush: 4968' gal. Actual flush: 4860 gal. |
| 12/14/95 | 4884'-4889' | Frac B sands as follows: 25,000# 20/40 sand in 287 bbls Boragel fluid. Treated @ avg press of 2060 psi w/avg rate of 18 BPM. ISIP 2354 psi. Calc flush: 4886 gal. Actual flush: 4799 gal. |
| 12/16/95 | 4740'-4796' | Frac C/D sands as follows: 92,600# 20/40 sand in 640 bbls Boragel fluid. Treated @ avg press of 2100 psi w/avg rate of 36 BPM. ISIP 2170 psi. Calc flush: 4740 gal. Actual flush: |
| 7/29/99 | | Tubing Leak. Update tubing and rod detail. |
| 3/2/04 | | Stuck Pump. Update rod details. |
| 06/07/13 | | Convert to Injection Well |
| 06/10/13 | | Conversion MIT Finalized - update tbg detail |

PERFORATION RECORD

| | | | |
|----------|-------------|--------|----------|
| 12/6/95 | 5814'-5822' | 4 JSPF | 32 holes |
| 12/8/95 | 5234'-5259' | 4 JSPF | 44 holes |
| 12/8/95 | 5206'-5218' | 4 JSPF | 92 holes |
| 12/10/95 | 4968'-4977' | 4 JSPF | 36 holes |
| 12/13/95 | 4884'-4889' | 4 JSPF | 20 holes |
| 12/15/95 | 4788'-4796' | 4 JSPF | 32 holes |
| 12/15/95 | 4740'-4756' | 4 JSPF | 64 holes |



Ashley Federal 10-23-9-15
 1770' FSL & 2026' FEL
 NW/SE Section 23-T9S-R15E
 Duchesne Co, Utah
 API #43-013-31519; Lease #UTU-66185

43-013-51590

NEWFIELD

GMBU P-24-9-15

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: NE/SE Section 24, T9S, R15E; 2038' FSL & 692' FEL

Elevation: 5000' GL + 10' KB

API Number: 43-013-51590; Lease Number: UTU-02458

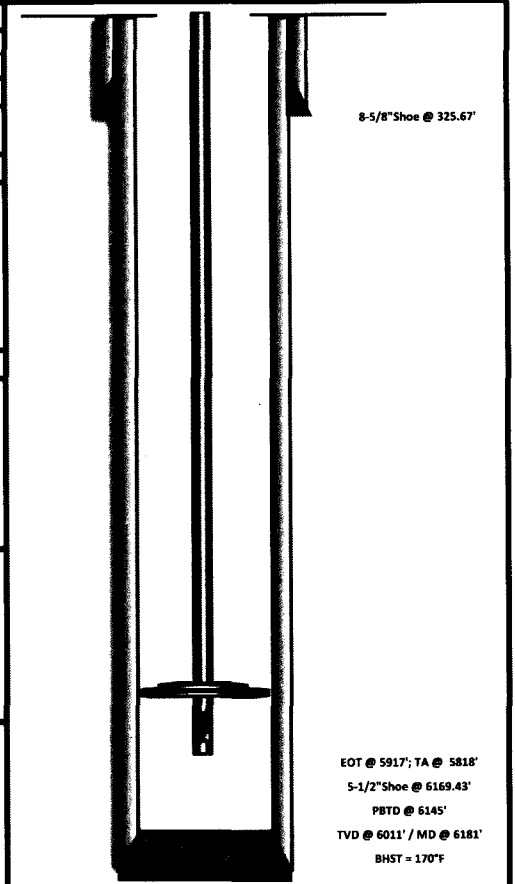
Paul Lembcke

PFM 3/28/2014

Spud Date: 3/28/2013

PoP Date: 5/10/2013

| CASING DETAIL | Casing | Top | Bottom | Size | Wt. | Grade | Drift | Burst | Collapse | ID | gal/ft | Coupling | Hole |
|------------------|-----------------|--|----------|--------|----------|--------------|--------------|--------|------------------|---|---------------------|----------|--------|
| | Surf | 10' | 326' | 8-5/8" | 24# | J-55 | 7.972" | 2,950 | 1,370 | 8.097" | 2,6749 | STC | 12.250 |
| | Prod | 10' | 6,169' | 5-1/2" | 15.5# | J-55 | 4.825" | 4,810 | 4,040 | 4.950" | 0.9997 | LTC | 7.875 |
| TUBING DETAIL | Top | Bottom | Coupling | Size | Wt. | Grade | Drift | Burst | Collapse | ID | Packer/Hanger | | |
| | 10' | 5,917' | 8EUE | 2-7/8" | 6.5# | J-55 | 2.347" | 7,260 | 7,680 | 2.441" | Tubing Anchor Set @ | 5,818' | |
| | | | | | | | | | | | | | |
| ROD DETAIL | Component | | | Top | Bottom | Size | Grade | Length | Count | Pump | | | |
| | Polish Rod | | | 0' | 30' | 1 1/2" | C(API) | 30 | 1 | Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5,844'. | | | |
| | Pony Rod | | | 30' | 32' | 7/8" | C(API) | 2 | 1 | | | | |
| | Pony Rod | | | 32' | 36' | 7/8" | C(API) | 4 | 1 | | | | |
| | Pony Rod | | | 36' | 44' | 7/8" | C(API) | 8 | 1 | | | | |
| | 4per Guided Rod | | | 44' | 2,094' | 7/8" | Tenaris D78 | 2050 | 82 | | | | |
| | 4per Guided Rod | | | 2,094' | 5,094' | 3/4" | Tenaris D78 | 3000 | 120 | | | | |
| | 8per Guided Rod | | | 5,094' | 5,844' | 7/8" | Tenaris D78 | 750 | 30 | | | | |
| | | | | | | | | | | | | | |
| Stage | Top | Bottom | SPF | EHD | Date | Frac Summary | | | | | | | |
| 3 | 0' | 0' | 2 | - | - | Formation: | B2 | B1 | B-Half | | | | |
| | 0' | 0' | 2 | - | - | 20/40 White: | 45,233 lbs | | 15% HCl: | 0 gals | | | |
| | 0' | 0' | 2 | - | - | Pad: | 1,966 gals | | Treating Fluid: | 11,281 gals | | | |
| | 4,914' | 4,916' | 2 | 0.34 | 5/3/2013 | Flush: | 4,889 gals | | Load to Recover: | 19,017 gals | | | |
| | 4,940' | 4,943' | 2 | 0.34 | 5/3/2013 | ISIP= | 0.790 psi/ft | | Max STP: | 2,968 psi | | | |
| | 4,962' | 4,964' | 2 | 0.34 | 5/3/2013 | | | | | | | | |
| | 4,971' | 4,974' | 2 | 0.34 | 5/3/2013 | | | | | | | | |
| 2 | 0' | 0' | 3 | - | - | Formation: | CP1 | | | | | | |
| | 0' | 0' | 3 | - | - | 20/40 White: | 50,252 lbs | | 15% HCl: | 1,038 gals | | | |
| | 0' | 0' | 3 | - | - | Pad: | 1,193 gals | | Treating Fluid: | 11,838 gals | | | |
| | 0' | 0' | 3 | - | - | Flush: | 5,519 gals | | Load to Recover: | 19,588 gals | | | |
| | 0' | 0' | 3 | - | - | ISIP= | 0.738 psi/ft | | Max STP: | 3,054 psi | | | |
| | 5,616' | 5,618' | 3 | 0.34 | 5/3/2013 | | | | | | | | |
| | 5,628' | 5,632' | 3 | 0.34 | 5/3/2013 | | | | | | | | |
| 1 | 0' | 0' | 3 | - | - | Formation: | CP4 | | | | | | |
| | 0' | 0' | 3 | - | - | 20/40 White: | 48,528 lbs | | 15% HCl: | 1,521 gals | | | |
| | 0' | 0' | 3 | - | - | Pad: | 1,411 gals | | Treating Fluid: | 11,370 gals | | | |
| | 0' | 0' | 3 | - | - | Flush: | 5,876 gals | | Load to Recover: | 20,177 gals | | | |
| | 0' | 0' | 3 | - | - | ISIP= | 0.769 psi/ft | | Max STP: | 3,358 psi | | | |
| | 5,832' | 5,834' | 3 | 0.34 | 5/1/2013 | | | | | | | | |
| | 5,845' | 5,848' | 3 | 0.34 | 5/1/2013 | | | | | | | | |
| CEMENT | Surf | On 3/29/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbls to the pit. | | | | | | | | | | | |
| | Prod | On 4/18/13 Baker pumped 220 sks lead @ 11 ppg w/ 3.53 yield plus 460 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 28 bbls to the pit. TOC @ 48'. | | | | | | | | | | | |



43-013-51580

NEWFIELD

GMBU L-23-9-15

Monument Butte - Duchesne County, Utah, USA

Surface Legal Location: NE/SE Section 23, T9S, R15E; 2041' FSL & 713' FEL

Elevation: 6326' GL + 10' KB

API Number: 43-013-51580; Lease Number: UTU-02458

Paul Lembcke

PFM 4/22/2013

Spud Date: 3/27/2013

PoP Date: 5/10/2013

| CASING DETAIL | Casing | Top | Bottom | Size | Wt. | Grade | Drift | Burst | Collapse | ID | gal/ft | Coupling | Hole |
|------------------|-----------------|--|----------|--------|----------|--------------|--------------|------------------|-------------|--|----------------------------|----------|--------|
| | Surf | 10' | 327' | 8-5/8" | 24# | J-55 | 7.972" | 2,950 | 1,370 | 8.097" | 2,6749 | STC | 12.250 |
| | Prod | 10' | 6,179' | 5-1/2" | 15.5# | J-55 | 4.825" | 4,810 | 4,040 | 4.950" | 0.9997 | LTC | 7.875 |
| TUB DETAIL | Top | Bottom | Coupling | Size | Wt. | Grade | Drift | Burst | Collapse | ID | Packer/Hanger | | |
| | 10' | 5,882' | 8EUE | 2-7/8" | 6.5# | J-55 | 2.347" | 7,260 | 7,680 | 2.441" | Tubing Anchor Set @ 5,784' | | |
| | | | | | | | | | | | | | |
| ROD DETAIL | Component | | | Top | Bottom | Size | Grade | Length | Count | Pump | | | |
| | Polish Rod | | | 0' | 30' | 1 1/2" | C(API) | 30 | 1 | Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,807' | | | |
| | Pony Rod | | | 30' | 32' | 7/8" | C(API) | 2 | 1 | | | | |
| | 4per Guided Rod | | | 32' | 1,757' | 7/8" | Tenaris D78 | 1725 | 69 | | | | |
| | 4per Guided Rod | | | 1,757' | 5,057' | 3/4" | Tenaris D78 | 3300 | 132 | | | | |
| | 8per Guided Rod | | | 5,057' | 5,807' | 7/8" | Tenaris D78 | 750 | 30 | | | | |
| Stage | Top | Bottom | SPF | EHD | Date | Frac Summary | | | | | | | |
| 4 | 0' | 0' | 3 | - | - | Formation: | C-Sand D1 | | | | | | |
| | 0' | 0' | 3 | - | - | 20/40 White: | 23,664 lbs | 15% HCl: | 0 gals | | | | |
| | 0' | 0' | 3 | - | - | Pad: | 752 gals | Treating Fluid: | 7,016 gals | | | | |
| | 0' | 0' | 3 | - | - | Flush: | 4,717 gals | Load to Recover: | 12,850 gals | | | | |
| | 4,722' | 4,724' | 3 | 0.34 | 5/2/2013 | ISIP= | 0.849 psi/ft | Max STP: | 3,778 psi | | | | |
| | 4,861' | 4,863' | 3 | 0.34 | 5/2/2013 | | | | | | | | |
| 3 | 0' | 0' | 3 | - | - | Formation: | A1 | | | | | | |
| | 0' | 0' | 3 | - | - | 20/40 White: | 58,989 lbs | 15% HCl: | 500 gals | | | | |
| | 0' | 0' | 3 | - | - | Pad: | 945 gals | Treating Fluid: | 14,329 gals | | | | |
| | 0' | 0' | 3 | - | - | Flush: | 5,099 gals | Load to Recover: | 21,326 gals | | | | |
| | 5,090' | 5,091' | 3 | 0.34 | 5/2/2013 | ISIP= | 0.953 psi/ft | Max STP: | 3,872 psi | | | | |
| | 5,095' | 5,096' | 3 | 0.34 | 5/2/2013 | | | | | | | | |
| 2 | 0' | 0' | 3 | - | - | Formation: | LODC | | | | | | |
| | 5,244' | 5,246' | 3 | 0.34 | 5/2/2013 | 20/40 White: | 227,186 lbs | 15% HCl: | 500 gals | | | | |
| | 5,279' | 5,280' | 3 | 0.34 | 5/2/2013 | Pad: | 1,264 gals | Treating Fluid: | 52,650 gals | | | | |
| | 5,295' | 5,296' | 3 | 0.34 | 5/2/2013 | Flush: | 5,158 gals | Load to Recover: | 59,895 gals | | | | |
| | 5,304' | 5,305' | 3 | 0.34 | 5/2/2013 | ISIP= | 0.935 psi/ft | Max STP: | 3,330 psi | | | | |
| | 5,333' | 5,334' | 3 | 0.34 | 5/2/2013 | | | | | | | | |
| 1 | 0' | 0' | 3 | - | - | Formation: | CP3 CP2 | | | | | | |
| | 0' | 0' | 3 | - | - | 20/40 White: | 22,010 lbs | 15% HCl: | 2,886 gals | | | | |
| | 0' | 0' | 3 | - | - | Pad: | 1,172 gals | Treating Fluid: | 5,512 gals | | | | |
| | 0' | 0' | 3 | - | - | Flush: | 5,691 gals | Load to Recover: | 14,089 gals | | | | |
| | 0' | 0' | 3 | - | - | ISIP= | 0.778 psi/ft | Max STP: | 3,359 psi | | | | |
| | 5,748' | 5,750' | 3 | 0.34 | 5/1/2013 | | | | | | | | |
| CEMENT | Surf | On 3/29/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbls to the pit. | | | | | | | | | | | |
| | Prod | On 4/13/13 Baker pumped 210 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 10 bbls to the pit. TOC @ 44'. | | | | | | | | | | | |

8-5/8" Shoe @ 327.42'

EOT @ 5882'; TA @ 5784'

5-1/2" Shoe @ 6179.3'

PBD @ 6155'

TVD @ 6055'

BHST = 170°F

MD @ 6198'

NEWFIELD

Schematic

Well Name: GMBU R-24-9-15

43-013-52273

| | | | | | | | | | |
|---|-------------------------------|----------------------------------|-------------------------------------|--------------------------------|---|-------------------|---|-------------------------|--------------------|
| Surface Legal Location SWSE 342 FSL 1783 FEL Sec 24 T9S R15E | | | | API/UWI 43013522730000 | Well RC 500334730 | Lease UTU02458 | State/Province Utah | Field Name GMBU CTB3 | County Duchesne |
| Spud Date 8/23/2014 | Rig Release Date 9/12/2014 | On Production Date 10/15/2014 | Original KB Elevation (ft) 6,118 | Ground Elevation (ft) 6,107 | Total Depth All (TVD) (ftKB) Original Hole - 5,829.6 | | PBD (All) (ftKB) Original Hole - 6,018.8 | | |

Most Recent Job

| | | | | |
|------------------------------------|--|---------------------------|-----------------------------|----------------------------|
| Job Category Initial Completion | Primary Job Type Fracture Treatment | Secondary Job Type P&P | Job Start Date 9/29/2014 | Job End Date 10/15/2014 |
|------------------------------------|--|---------------------------|-----------------------------|----------------------------|

TD: 6,081.0

Slant - Original Hole, 1/14/2015 10:03:20 AM

| MD (ftKB) | TVD (ftKB) | Incl (°) | DLS | Vertical schematic (actual) |
|-----------|------------|----------|----------------------|-----------------------------|
| -9.5 | -9.5 | 0.0 | DLS (°) ... 0 — 5 | |
| 11.2 | 11.2 | 0.0 | | |
| 12.8 | 12.8 | 0.0 | | |
| 15.1 | 15.1 | 0.0 | | |
| 22.3 | 22.3 | 0.0 | | |
| 32.5 | 32.5 | 0.0 | | |
| 54.8 | 54.8 | 0.0 | | |
| 275.3 | 275.3 | 0.2 | | |
| 320.9 | 320.9 | 0.3 | | |
| 1,861.2 | 1,842.7 | 13.5 | | |
| 3,263.8 | 3,156.2 | 23.0 | | |
| 4,729.0 | 4,542.3 | 17.2 | | |
| 4,793.0 | 4,603.4 | 16.9 | | |
| 4,803.1 | 4,613.2 | 16.8 | | |
| 4,835.0 | 4,643.6 | 16.6 | | |
| 5,107.9 | 4,906.8 | 15.5 | | |
| 5,120.1 | 4,918.5 | 15.8 | | |
| 5,261.2 | 5,054.1 | 15.9 | | |
| 5,419.9 | 5,206.8 | 16.8 | | |
| 5,611.9 | 5,389.8 | 18.6 | | |
| 5,626.0 | 5,403.2 | 19.1 | | |
| 5,669.9 | 5,444.5 | 20.6 | | |
| 5,695.9 | 5,468.8 | 21.1 | | |
| 5,708.0 | 5,480.1 | 21.1 | | |
| 5,743.8 | 5,513.5 | 21.3 | | |
| 5,765.7 | 5,533.9 | 21.4 | | |
| 5,782.2 | 5,549.2 | 21.5 | | |
| 5,865.5 | 5,626.8 | 21.1 | | |
| 6,018.7 | 5,770.8 | 19.3 | | |
| 6,064.3 | 5,813.8 | 19.3 | | |
| 6,081.0 | 5,829.6 | 19.3 | | |

1-1; Tubing Hanger; 7; 2.441; 11-12; 0.80

1-2; Stretch Correction; 2 7/8; 12-14; 1.78

1; Conductor; 14 in; 13,500 in; 11-48 ftKB; 37.00 ft

2; Surface; 8 5/8 in; 8,097 in; 11-321 ftKB; 309.90 ft

1-3; Tubing; 2 7/8; 2,441; 14-5,708; 5,694.41

Perforated; 4,727-4,729; 10/1/2014

Perforated; 4,792-4,793; 10/1/2014

Perforated; 4,802-4,803; 10/1/2014

Perforated; 4,831-4,835; 10/1/2014

Perforated; 5,108-5,109; 10/1/2014

Perforated; 5,120-5,121; 10/1/2014

Perforated; 5,261-5,265; 10/1/2014

Perforated; 5,420-5,424; 10/1/2014

Perforated; 5,612-5,614; 9/29/2014

Perforated; 5,626-5,628; 9/29/2014

Perforated; 5,670-5,672; 9/29/2014

Perforated; 5,696-5,700; 9/29/2014

1-4; Anchor/catcher; 4 1/2; 2,441; 5,708-5,711; 2.75

1-5; Tubing; 2 7/8; 2,441; 5,711-5,744; 33.08

1-6; Pump Seating Nipple; 2 7/8; 2,280; 5,744-5,745; 1.10

1-7; Tubing; 2 7/8; 2,441; 5,745-5,778; 33.10

1-8; Tubing sub; 2 7/8; 2,441; 5,778-5,782; 4.10

1-9; Desander; 2 7/8; 0.000; 5,782-5,799; 17.08

1-10; Bit Sub; 2 7/8; 2,441; 5,799-5,865; 66.24

1-11; Valve; 2 7/8; 0.000; 5,865-5,866; 0.80

3; Production; 5 1/2 in; 4,950 in; 11-6,065 ftKB; 6,054.21 ft



Schematic

Well Name: GMBU A-26-9-15

43-013-52274

| | | | | | | | |
|--|-------------------------------|---------------------------|-------------------------------------|--------------------------------|---|--|--------------------|
| Surface Legal Location SWSW 680' FSL 647' FWL Sec 24 T9S R15E | | API/UWI 43013522740000 | Well RC 500360715 | Lease UTU02458 | State/Province Utah | Field Name GMBU CTB3 | County Duchesne |
| Spud Date 5/13/2014 | Rig Release Date 5/23/2014 | On Production Date | Original KB Elevation (ft) 6,343 | Ground Elevation (ft) 6,333 | Total Depth All (TVD) (ftKB) Original Hole - 6,015.1 | PBTD (All) (ftKB) Original Hole - 6,123.2 | |

Most Recent Job

| | | | | |
|------------------------------------|--|---------------------------|----------------------------|---------------------------|
| Job Category Initial Completion | Primary Job Type Fracture Treatment | Secondary Job Type P&P | Job Start Date 6/9/2014 | Job End Date 6/13/2014 |
|------------------------------------|--|---------------------------|----------------------------|---------------------------|

TD: 6,154.0

Slant - Original Hole, 8/26/2014 4:35:53 PM

| MD (ftKB) | TVD (ftKB) | Incl (°) | DLS | Vertical schematic (actual) | |
|-----------|------------|----------|----------------------|---|--|
| 2.0 | 2.1 | 1.5 | DLS (°) ... 0 — 4 | | |
| 10.2 | 10.3 | 1.5 | | | |
| 12.1 | 12.2 | 1.5 | | 1-1; Tubing Hanger; 7; 2.441; 10-11; 0.80 | |
| 19.0 | 19.1 | 1.5 | | 1; Conductor; 14 in; 13.500 in; 10-19 ftKB; 9.00 ft | |
| 34.1 | 34.2 | 1.5 | | | |
| 54.1 | 54.2 | 1.5 | | | |
| 277.6 | 277.6 | 1.5 | | 2; Surface; 8 5/8 in; 8.097 in; 10-314 ftKB; 304.20 ft | |
| 314.3 | 314.3 | 1.5 | | | |
| 1,992.1 | 1,973.1 | 12.8 | | 1-2; Tubing; 2 7/8; 2.441; 11-5,913; 5,902.34 | |
| 3,316.9 | 3,256.0 | 13.8 | | | |
| 4,089.9 | 4,005.8 | 14.3 | | Perforated; 4,088-4,090; 6/11/2014 | |
| 4,319.9 | 4,229.2 | 13.1 | | Perforated; 4,316-4,320; 6/11/2014 | |
| 4,458.0 | 4,363.6 | 12.8 | | Perforated; 4,456-4,458; 6/11/2014 | |
| 4,474.1 | 4,379.3 | 12.6 | | Perforated; 4,472-4,474; 6/11/2014 | |
| 4,626.0 | 4,527.7 | 12.7 | | Perforated; 4,620-4,626; 6/11/2014 | |
| 4,737.9 | 4,636.9 | 12.1 | | Perforated; 4,737-4,738; 6/11/2014 | |
| 4,789.0 | 4,686.9 | 12.2 | | Perforated; 4,788-4,789; 6/11/2014 | |
| 4,891.1 | 4,786.6 | 12.7 | | Perforated; 4,890-4,891; 6/11/2014 | |
| 4,896.0 | 4,791.4 | 12.8 | | Perforated; 4,896-4,898; 6/11/2014 | |
| 4,908.1 | 4,803.3 | 13.2 | | Perforated; 4,908-4,910; 6/11/2014 | |
| 4,976.0 | 4,869.4 | 13.2 | | Perforated; 4,976-4,980; 6/11/2014 | |
| 5,445.9 | 5,326.9 | 13.6 | | Perforated; 5,446-5,448; 6/11/2014 | |
| 5,475.1 | 5,355.3 | 13.8 | | Perforated; 5,475-5,477; 6/11/2014 | |
| 5,564.0 | 5,441.5 | 14.1 | | Perforated; 5,564-5,568; 6/11/2014 | |
| 5,642.1 | 5,517.4 | 13.0 | | | |
| 5,720.1 | 5,593.5 | 13.3 | | Perforated; 5,720-5,721; 6/9/2014 | |
| 5,726.0 | 5,599.2 | 13.3 | | Perforated; 5,726-5,727; 6/9/2014 | |
| 5,913.1 | 5,780.8 | 13.8 | | 1-3; Anchor/catcher; 4.95; 2.441; 5,913-5,916; 2.80 | |
| 5,943.9 | 5,810.8 | 13.6 | | 1-4; Tubing; 2 7/8; 2.441; 5,916-5,949; 32.98 | |
| 5,948.8 | 5,815.6 | 13.6 | | Perforated; 5,944-5,948; 6/9/2014 | |
| 5,982.9 | 5,848.8 | 13.4 | | 1-5; Pump Seating Nipple; 2 7/8; 2.250; 5,949-5,950; 1.10 | |
| 6,004.6 | 5,869.8 | 13.3 | | 1-6; Tubing; 2 7/8; 2.441; 5,950-5,983; 32.96 | |
| 6,038.1 | 5,902.4 | 13.6 | | 1-7; Tubing Pup Joint; 2 7/8; 2.441; 5,983-5,987; 4.28 | |
| 6,123.4 | 5,985.3 | 13.5 | | 1-8; Desander; 3 1/2; 1.000; 5,987-6,005; 17.30 | |
| 6,147.3 | 6,008.6 | 13.5 | | 1-9; Tubing; 2 7/8; 2.441; 6,005-6,037; 32.97 | |
| 6,153.9 | 6,014.9 | 13.5 | | 1-10; Valve; 2 7/8; 0.000; 6,037-6,038; 0.70 | |
| | | | | 3; Production; 5 1/2 in; 4.950 in; 10-6,148 ftKB; 6,138.29 ft | |

NEWFIELD



Schematic

43-013-52275

Well Name: GMBU Q-24-9-15

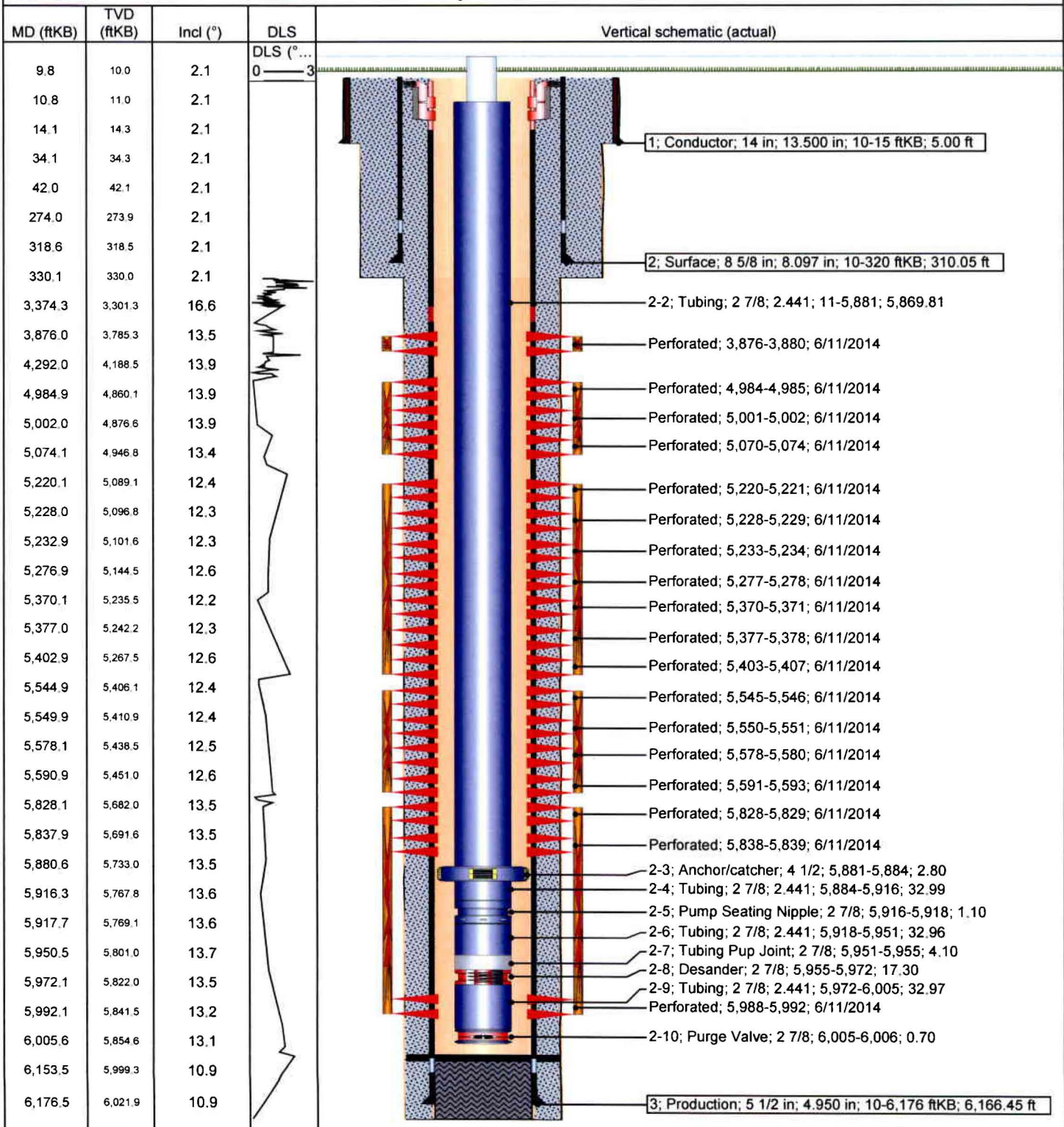
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|--|------------------|--------------------|----------------------------|-----------------------|------------------------------|-------------------------|
| Surface Legal Location | API/UWI | Well RC | Lease | State/Province | Field Name | County |
| SWSW 69S' FSL 633' fWL Sec 24 T9S R15E | 43013522750000 | 500360742 | UTU02458 | Utah | GMBU CTB3 | Duchesne |
| Spud Date | Rig Release Date | On Production Date | Original KB Elevation (ft) | Ground Elevation (ft) | Total Depth All (TVD) (ftKB) | PBTD (All) (ftKB) |
| 5/12/2014 | 5/25/2014 | | 6,343 | 6,333 | Original Hole - 6,035.1 | Original Hole - 6,151.8 |

Most Recent Job

| | | | | |
|-----------------------|------------------|--------------------|----------------|--------------|
| Job Category | Primary Job Type | Secondary Job Type | Job Start Date | Job End Date |
| Production / Workover | Repairs | Pump Repair | 8/13/2014 | 8/18/2014 |

TD: 6,190.0

Slant - Original Hole, 8/26/2014 4:36:49 PM



Well Name: GMBU X-24-9-15

43-013-52279

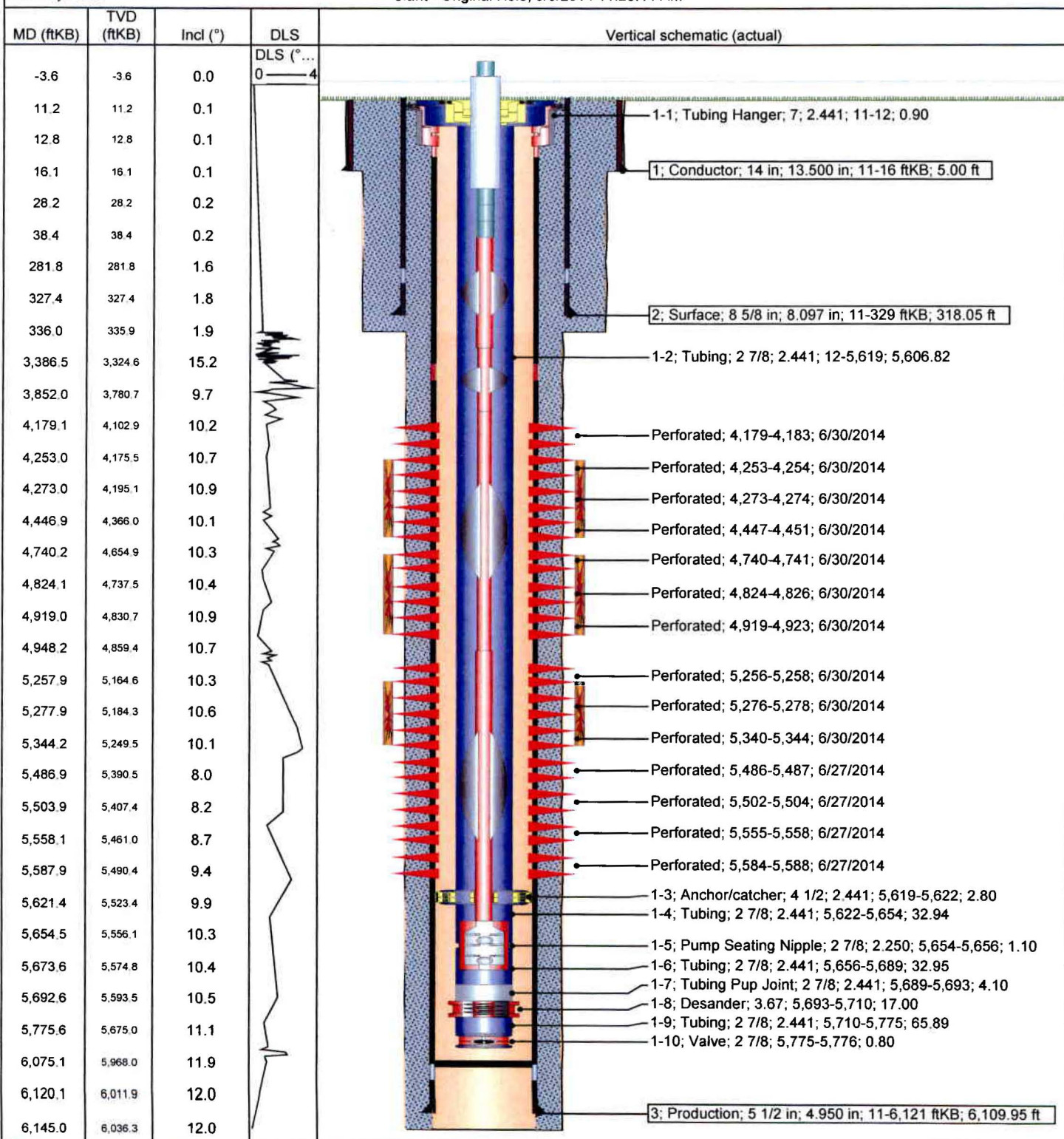
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|--|-------------------------------|--------------------------------|-------------------------------------|--------------------------------|---|--|------------------------|-------------------------|--------------------|
| Surface Legal Location NWNW 374 FNL 609 FWL Sec 25 T9S R15E | | | | API/UWI 43013522790000 | Well RC 500360771 | Lease UTU66185 | State/Province Utah | Field Name GMBU CTB3 | County Duchesne |
| Spud Date 5/30/2014 | Rig Release Date 6/17/2014 | On Production Date 7/3/2014 | Original KB Elevation (ft) 6,380 | Ground Elevation (ft) 6,369 | Total Depth All (TVD) (ftKB) Original Hole - 6,036.3 | PBTD (All) (ftKB) Original Hole - 6,075.1 | | | |

Most Recent Job

| | | | | |
|------------------------------------|--|---------------------------|-----------------------------|--------------------------|
| Job Category Initial Completion | Primary Job Type Fracture Treatment | Secondary Job Type P&P | Job Start Date 6/27/2014 | Job End Date 7/3/2014 |
|------------------------------------|--|---------------------------|-----------------------------|--------------------------|

TD: 6,145.0

Slant - Original Hole, 9/3/2014 11:23:44 AM



Well Name: GMBU F-24-9-15

43-013-52383

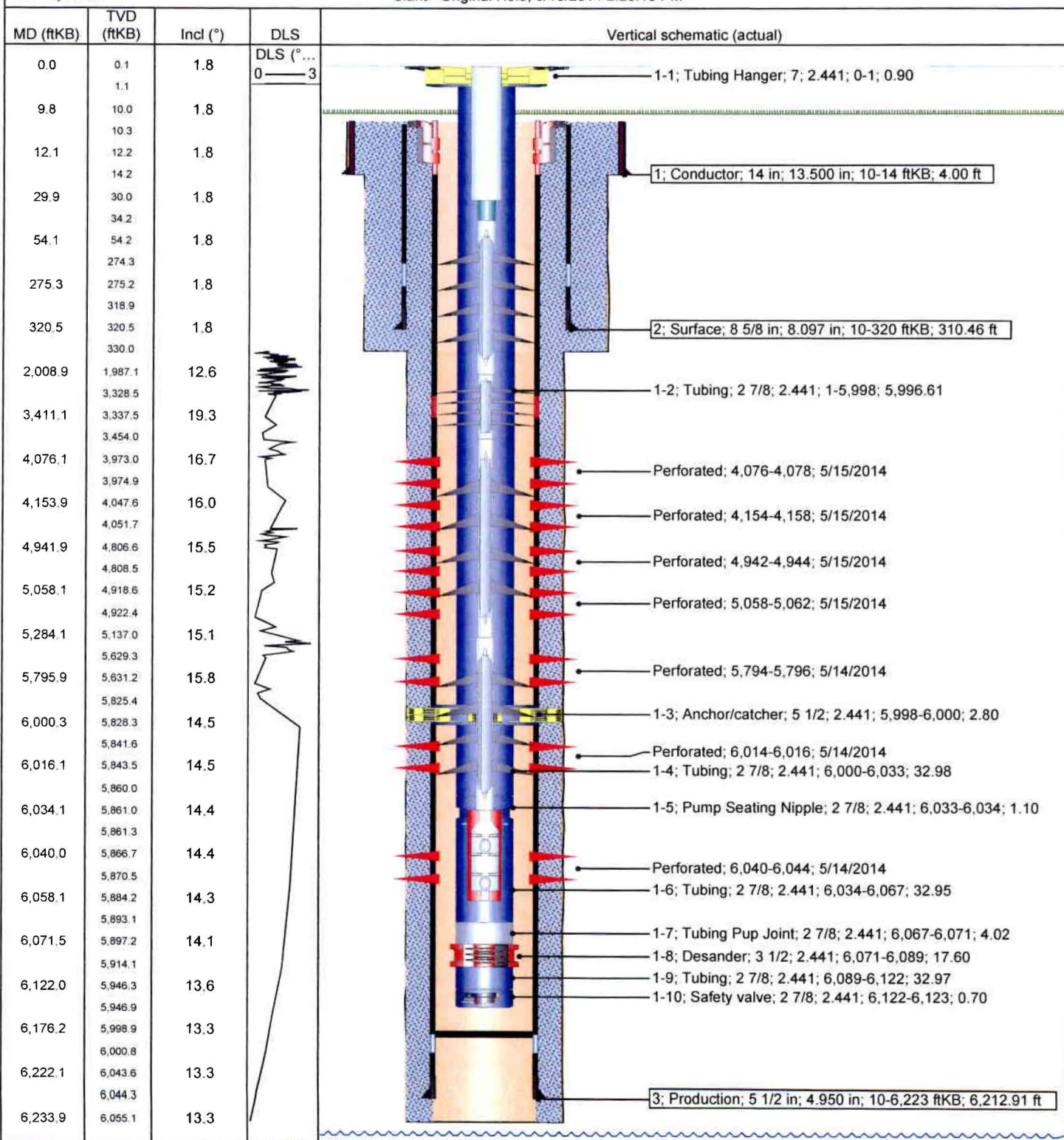
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|--|------------------------------|---------------------------------|-------------------------------------|--------------------------------|----------------------|---|------------------------|---|--------------------|
| Surface Legal Location NENE 540' FNL 667' FEL Sec 23 T9S R15E | | | | API/UWI 43013523830000 | Well RC 500366730 | Lease UTU66185 | State/Province Utah | Field Name GMBU CTB3 | County Duchesne |
| Spud Date 4/18/2014 | Rig Release Date 5/2/2014 | On Production Date 5/21/2014 | Original KB Elevation (ft) 6,246 | Ground Elevation (ft) 6,236 | | Total Depth All (TVD) (ftKB) Original Hole - 6,055.2 | | PBD (All) (ftKB) Original Hole - 6,176.3 | |

Most Recent Job

| | | | | |
|------------------------------------|--|---------------------------|-----------------------------|---------------------------|
| Job Category Initial Completion | Primary Job Type Fracture Treatment | Secondary Job Type P&P | Job Start Date 5/14/2014 | Job End Date 5/21/2014 |
|------------------------------------|--|---------------------------|-----------------------------|---------------------------|

TD: 6,234.0

Slant - Original Hole, 6/10/2014 2:26:13 PM



NEWFIELD

Schematic

43-013-52385

Well Name: GMBU I-23-9-15

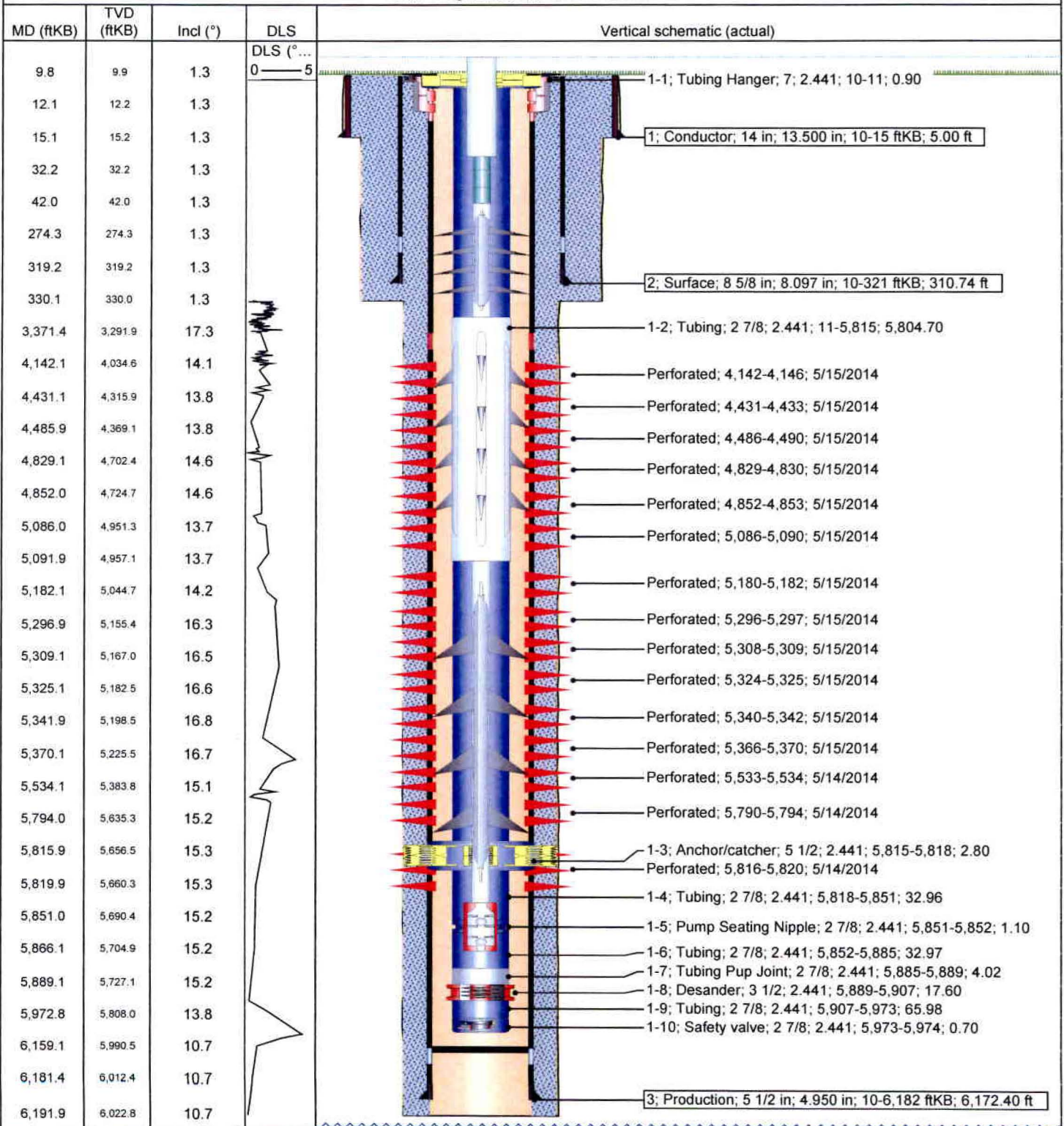
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|--|-------------------------------|---------------------------------|-------------------------------------|--------------------------------|---|--|------------------------|-------------------------|--------------------|
| Surface Legal Location NENE 531' FNL 686' FEL Sec 23 T9S R15E | | | | API/UWI 43013523850000 | Well RC 500346559 | Lease UTU66185 | State/Province Utah | Field Name GMBU CTB3 | County Duchesne |
| Spud Date 4/17/2014 | Rig Release Date 4/29/2014 | On Production Date 5/21/2014 | Original KB Elevation (ft) 6,246 | Ground Elevation (ft) 6,236 | Total Depth All (TVD) (ftKB) Original Hole - 6,022.8 | PSTD (All) (ftKB) Original Hole - 6,159.2 | | | |

Most Recent Job

| | | | | |
|------------------------------------|--|---------------------------|-----------------------------|--------------|
| Job Category Initial Completion | Primary Job Type Fracture Treatment | Secondary Job Type P&P | Job Start Date 5/14/2014 | Job End Date |
|------------------------------------|--|---------------------------|-----------------------------|--------------|

TD: 6,192.0

Slant - Original Hole, 6/10/2014 2:27:00 PM





Schematic

43-013-52386

Well Name: GMBU H-24-9-15

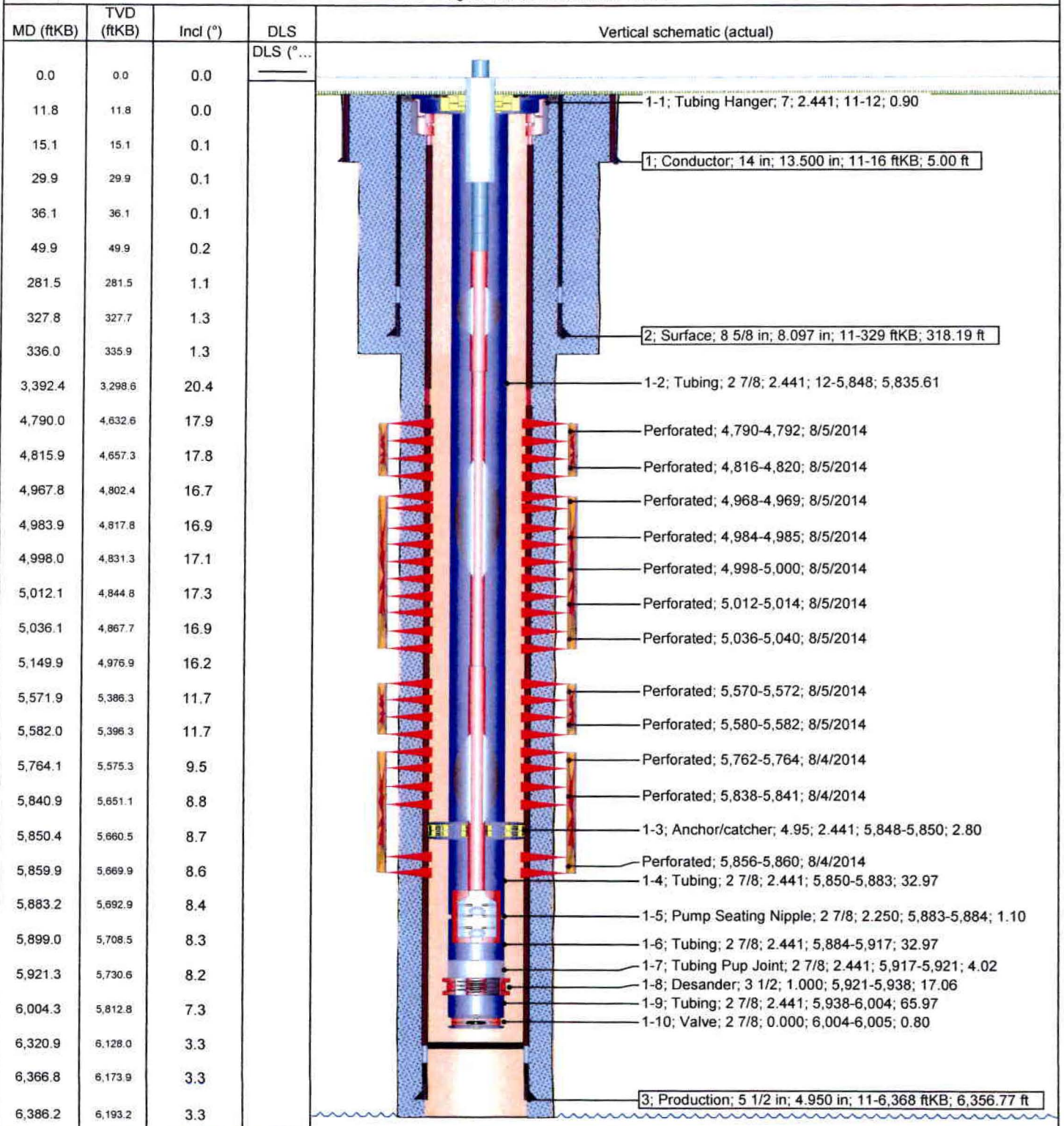
| | | | | | | | | |
|---|-------------------------------|--------------------|-------------------------------------|--------------------------------|---|------------------------|--|--------------------|
| Surface Legal Location NWNE 677 FNL 1759 FEL Sec 24 T9S R15E | | | API/UWI 43013523860000 | Well RC 500366837 | Lease UTU66185 | State/Province Utah | Field Name GMBU CTB3 | County Duchesne |
| Spud Date 7/3/2014 | Rig Release Date 7/17/2014 | On Production Date | Original KB Elevation (ft) 6,199 | Ground Elevation (ft) 6,188 | Total Depth All (TVD) (ftKB) Original Hole - 6,193.1 | | PBTD (All) (ftKB) Original Hole - 6,320.9 | |

Most Recent Job

| | | | | |
|------------------------------------|--|---------------------------|----------------------------|--------------------------|
| Job Category Initial Completion | Primary Job Type Fracture Treatment | Secondary Job Type P&P | Job Start Date 8/4/2014 | Job End Date 8/8/2014 |
|------------------------------------|--|---------------------------|----------------------------|--------------------------|

TD: 6,386.0

Slant - Original Hole, 8/22/2014 9:31:28 AM



Well Name: GMBU M-24-9-15

43-013-52418

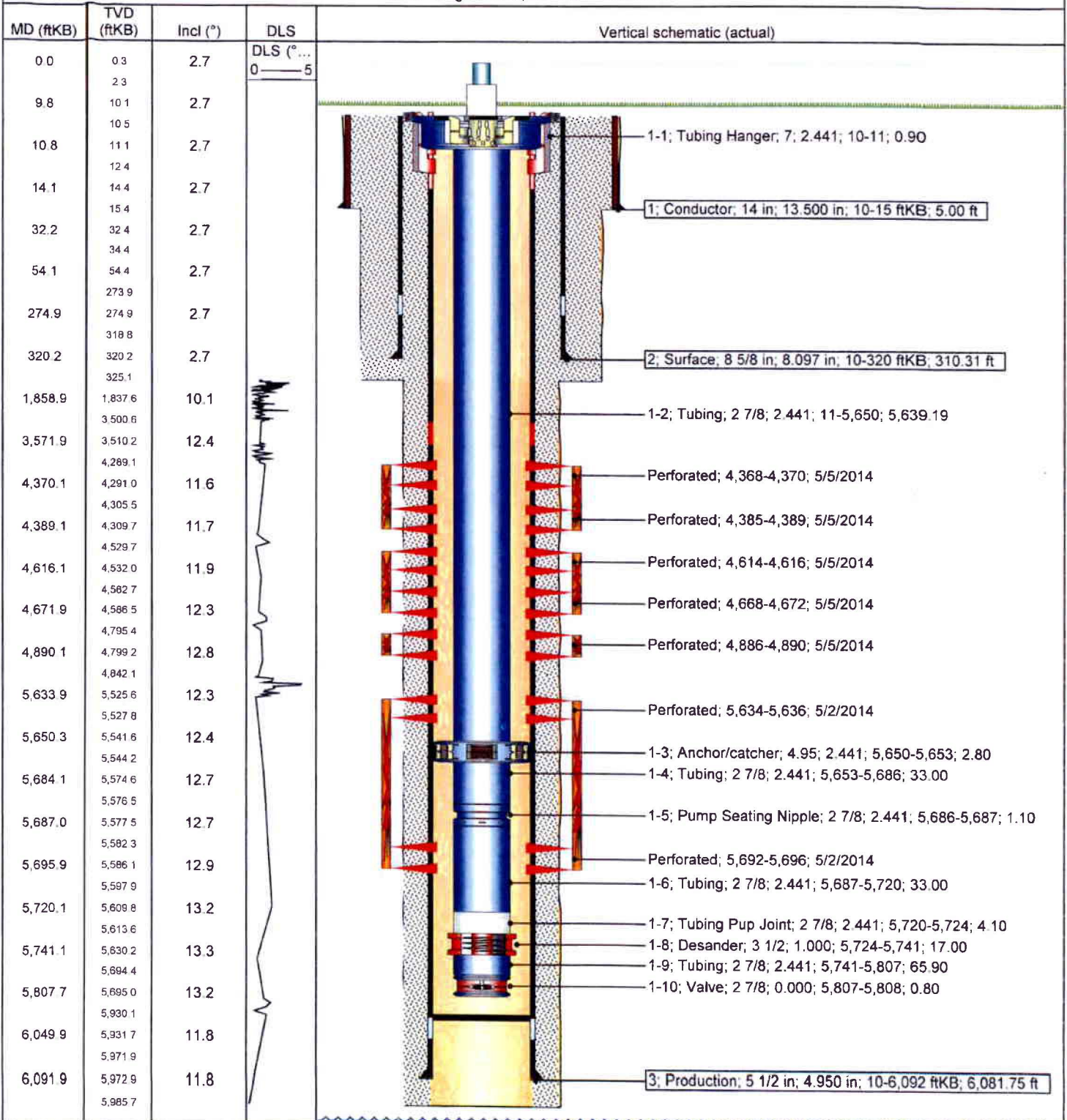
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|--|------------------|--------------------|----------------------------|-----------------------|------------------------------|-------------------------|
| Surface Legal Location | API/UWI | Well RC | Lease | State/Province | Field Name | County |
| SWNE 2079' FNL 2071' FEL Sec 24 T9S R15E | 43013524180000 | 500346427 | UTU02458 | Utah | GMBU CTB3 | Duchesne |
| Spud Date | Rig Release Date | On Production Date | Original KB Elevation (ft) | Ground Elevation (ft) | Total Depth All (TVD) (ftKB) | PBTD (All) (ftKB) |
| 4/7/2014 | 4/17/2014 | | 6,218 | 6,208 | Original Hole - 5,985.7 | Original Hole - 6,048.2 |

Most Recent Job

| | | | | |
|--------------------|--------------------|--------------------|----------------|--------------|
| Job Category | Primary Job Type | Secondary Job Type | Job Start Date | Job End Date |
| Initial Completion | Fracture Treatment | P&P | 5/2/2014 | 5/8/2014 |

TD: 6,105.0

Slant - Original Hole, 6/17/2014 2:36:57 PM



NEWFIELD

Schematic

Well Name: GMBU 2-26-9-15

43-013-52457

| | | | | | | | | |
|---------------------------------------|------------------|--------------------|----------------------------|-----------------------|------------------------------|-------------------------|------------|----------|
| Surface Legal Location | | API/UWI | | Well RC | Lease | State/Province | Field Name | County |
| SWSE 713 FSL 1818 FEL Sec 23 T9S R15E | | 43013524570000 | | 500159019 | UTU66185 | Utah | GMBU CTB3 | Duchesne |
| Spud Date | Rig Release Date | On Production Date | Original KB Elevation (ft) | Ground Elevation (ft) | Total Depth All (TVD) (ftKB) | PBTD (All) (ftKB) | | |
| 4/21/2014 | 8/17/2014 | | 6,372 | 6,361 | Original Hole - 5,960.7 | Original Hole - 6,070.9 | | |

Most Recent Job

| | | | | |
|--------------------|--------------------|--------------------|----------------|--------------|
| Job Category | Primary Job Type | Secondary Job Type | Job Start Date | Job End Date |
| Initial Completion | Fracture Treatment | P&P | 8/28/2014 | 9/5/2014 |

TD: 6,143.0

Slant - Original Hole, 1/19/2015 8:24:42 AM

| MD (ftKB) | TVD (ftKB) | Incl (°) | DLS | Vertical schematic (actual) |
|-----------|------------|----------|-----------|-----------------------------|
| | | | DLS (°... | |
| -8.9 | -8.7 | 2.1 | | |
| 10.8 | 11.0 | 2.1 | | |
| 11.5 | 11.6 | 2.1 | | |
| 15.1 | 15.3 | 2.1 | | |
| 41.0 | 41.2 | 2.1 | | |
| 274.0 | 273.9 | 2.1 | | |
| 275.9 | 275.9 | 2.1 | | |
| 321.5 | 321.5 | 2.1 | | |
| 331.0 | 331.0 | 2.1 | | |
| 2,771.7 | 2,714.2 | 17.3 | | |
| 3,297.2 | 3,219.7 | 16.6 | | |
| 4,637.1 | 4,508.6 | 15.1 | | |
| 4,653.9 | 4,524.7 | 15.4 | | |
| 4,748.0 | 4,615.2 | 16.4 | | |
| 4,750.7 | 4,617.7 | 16.4 | | |
| 4,792.0 | 4,657.4 | 16.4 | | |
| 4,988.8 | 4,846.2 | 16.4 | | |
| 5,097.1 | 4,950.2 | 15.8 | | |
| 5,159.1 | 5,009.9 | 15.3 | | |
| 5,181.1 | 5,031.1 | 15.4 | | |
| 5,219.2 | 5,067.8 | 15.7 | | |
| 5,228.0 | 5,076.3 | 15.7 | | |
| 5,258.9 | 5,106.0 | 15.7 | | |
| 5,467.8 | 5,308.5 | 13.4 | | |
| 5,480.0 | 5,320.3 | 13.5 | | |
| 5,485.9 | 5,326.1 | 13.5 | | |
| 5,502.0 | 5,341.7 | 13.7 | | |
| 5,535.1 | 5,373.8 | 14.2 | | |
| 5,558.4 | 5,396.4 | 14.5 | | |
| 5,625.3 | 5,461.1 | 15.2 | | |
| 6,070.9 | 5,891.0 | 15.0 | | |
| 6,116.1 | 5,934.7 | 15.0 | | |
| 6,143.0 | 5,960.7 | 15.0 | | |

1 of 4

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem®

A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **ASHLEY INJ FACILITY**Sample Point: **After All Filters**Sample Date: **11/18/2013**Sample ID: **WA-259559**Sales Rep: **Jacob Bird**Lab Tech: **Gary Winegar**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

| Sample Specifics | | Analysis @ Properties in Sample Specifics | | | |
|----------------------------|------------|---|---------|-------------------------------|---------|
| Test Date: | 11/27/2013 | Cations | | Anions | |
| | | mg/L | | mg/L | |
| System Temperature 1 (°F): | 120 | Sodium (Na): | 4018.00 | Chloride (Cl): | 9000.00 |
| System Pressure 1 (psig): | 2000 | Potassium (K): | 1781.00 | Sulfate (SO4): | 85.00 |
| System Temperature 2 (°F): | 210 | Magnesium (Mg): | 13.00 | Bicarbonate (HCO3): | 1224.00 |
| System Pressure 2 (psig): | 2000 | Calcium (Ca): | 42.00 | Carbonate (CO3): | |
| Calculated Density (g/ml): | 1.008 | Strontium (Sr): | 8.10 | Acetic Acid (CH3COO) | |
| pH: | 8.30 | Barium (Ba): | 6.00 | Propionic Acid (C2H5COO) | |
| Calculated TDS (mg/L): | 16204.49 | Iron (Fe): | 1.50 | Butanoic Acid (C3H7COO) | |
| CO2 in Gas (%): | | Zinc (Zn): | 0.03 | Isobutyric Acid ((CH3)2CHCOO) | |
| Dissolved CO2 (mg/L): | 80.00 | Lead (Pb): | 0.00 | Fluoride (F): | |
| H2S in Gas (%): | | Ammonia NH3: | | Bromine (Br): | |
| H2S in Water (mg/L): | 4.00 | Manganese (Mn): | 0.18 | Silica (SiO2): | 25.68 |

Notes:

B=6 A=0.07 LI=2.1

(PTB = Pounds per Thousand Barrels)

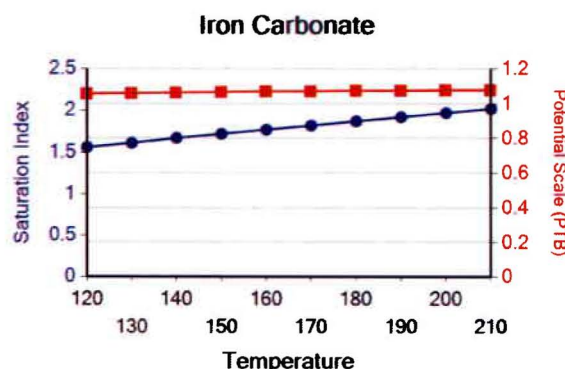
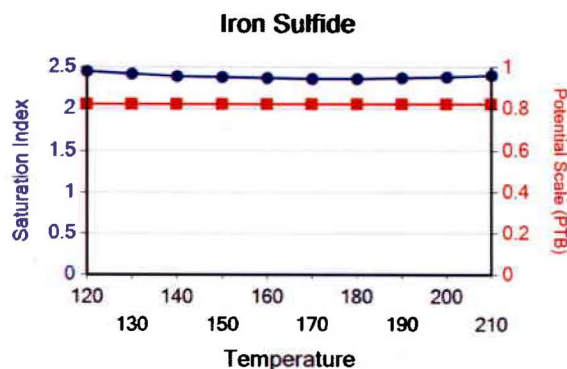
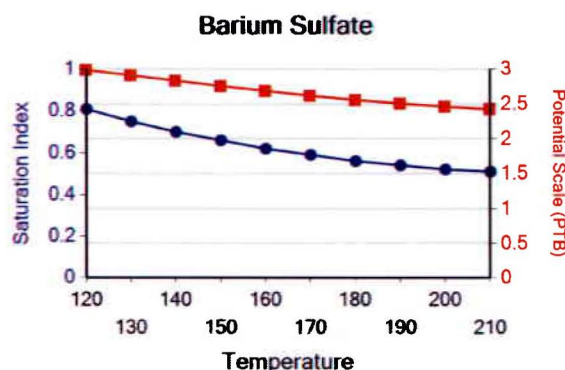
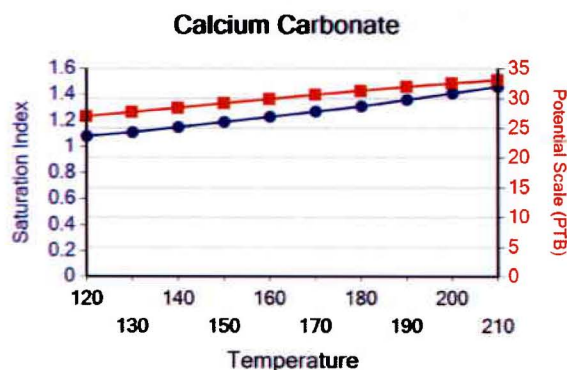
| | | Calcium Carbonate | | Barium Sulfate | | Iron Sulfide | | Iron Carbonate | | Gypsum CaSO4 2H2O | | Celestite SrSO4 | | Halite NaCl | | Zinc Sulfide | |
|-----------|---------|-------------------|-------|----------------|------|--------------|------|----------------|------|-------------------|------|-----------------|------|-------------|------|--------------|------|
| Temp (°F) | PSI | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 210.00 | 2000.00 | 1.46 | 33.08 | 0.51 | 2.43 | 2.40 | 0.82 | 2.02 | 1.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.44 | 0.01 |
| 200.00 | 2000.00 | 1.41 | 32.54 | 0.52 | 2.46 | 2.38 | 0.82 | 1.97 | 1.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.52 | 0.01 |
| 190.00 | 2000.00 | 1.36 | 31.94 | 0.54 | 2.51 | 2.37 | 0.82 | 1.92 | 1.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.61 | 0.01 |
| 180.00 | 2000.00 | 1.31 | 31.31 | 0.56 | 2.56 | 2.36 | 0.82 | 1.87 | 1.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.70 | 0.01 |
| 170.00 | 2000.00 | 1.27 | 30.63 | 0.59 | 2.62 | 2.36 | 0.82 | 1.82 | 1.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.80 | 0.01 |
| 160.00 | 2000.00 | 1.23 | 29.93 | 0.62 | 2.69 | 2.37 | 0.82 | 1.77 | 1.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.91 | 0.01 |
| 150.00 | 2000.00 | 1.19 | 29.20 | 0.66 | 2.76 | 2.38 | 0.82 | 1.72 | 1.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.03 | 0.01 |
| 140.00 | 2000.00 | 1.15 | 28.46 | 0.70 | 2.84 | 2.39 | 0.82 | 1.67 | 1.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.15 | 0.01 |
| 130.00 | 2000.00 | 1.11 | 27.72 | 0.75 | 2.92 | 2.42 | 0.82 | 1.61 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.29 | 0.01 |
| 120.00 | 2000.00 | 1.08 | 26.99 | 0.81 | 2.99 | 2.45 | 0.82 | 1.56 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.43 | 0.01 |

Water Analysis Report

| Temp (°F) | PSI | Hemihydrate CaSO ₄ •0.5H ₂ O | | Anhydrate CaSO ₄ | | Calcium Fluoride | | Zinc Carbonate | | Lead Sulfide | | Mg Silicate | | Ca Mg Silicate | | Fe Silicate | |
|--------------|---------|---|------|--------------------------------|------|---------------------|------|-------------------|------|-----------------|------|----------------|-------|-------------------|-------|----------------|------|
| | | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 210.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.01 | 0.00 | 0.00 | 5.45 | 21.52 | 2.81 | 13.36 | 9.15 | 1.17 |
| 200.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.01 | 0.00 | 0.00 | 5.03 | 20.36 | 2.56 | 12.56 | 8.85 | 1.16 |
| 190.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.01 | 0.00 | 0.00 | 4.61 | 19.03 | 2.32 | 11.64 | 8.55 | 1.16 |
| 180.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.01 | 0.00 | 0.00 | 4.18 | 17.56 | 2.07 | 10.62 | 8.25 | 1.16 |
| 170.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 3.74 | 15.97 | 1.82 | 9.52 | 7.95 | 1.16 |
| 160.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.30 | 14.29 | 1.56 | 8.35 | 7.65 | 1.16 |
| 150.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.86 | 12.54 | 1.31 | 7.13 | 7.34 | 1.16 |
| 140.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.41 | 10.74 | 1.06 | 5.88 | 7.05 | 1.16 |
| 130.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 8.91 | 0.81 | 4.61 | 6.76 | 1.16 |
| 120.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.52 | 7.04 | 0.56 | 3.33 | 6.47 | 1.16 |

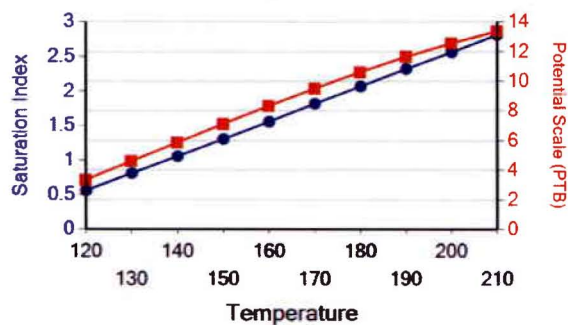
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

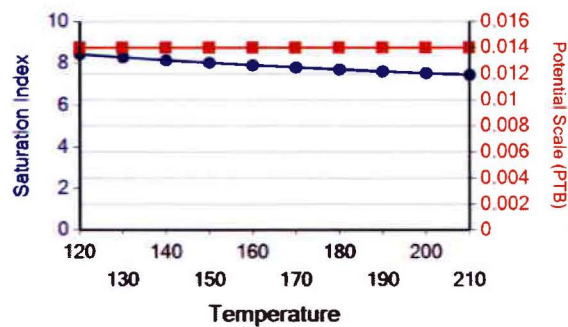


Water Analysis Report

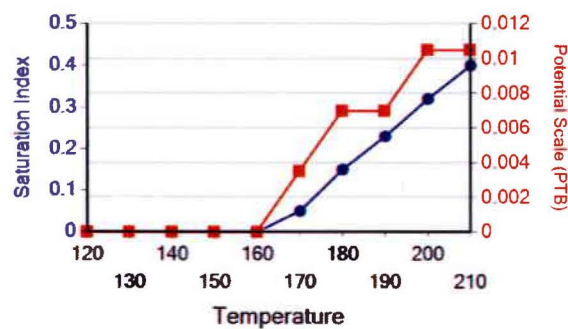
Ca Mg Silicate



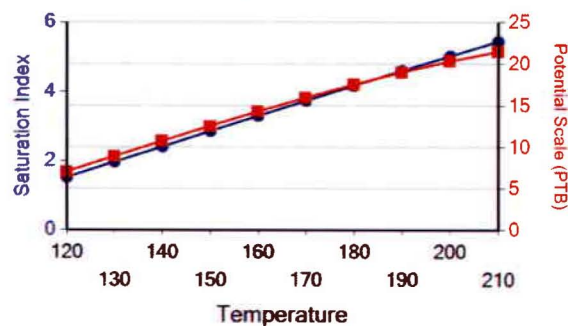
Zinc Sulfide



Zinc Carbonate



Mg Silicate



4084

Multi-Chem Analytical Laboratory

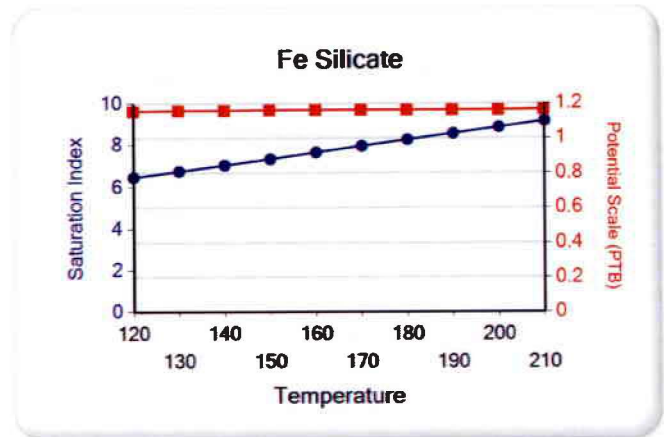
1553 East Highway 40

Vernal, UT 84078

multi-chem

A HALLIBURTON SERVICE

Water Analysis Report



Attachment "G"

**Ashley Federal #12-24R-9-15
Proposed Maximum Injection Pressure**

| Frac Interval (feet) | | Avg. Depth (feet) | ISIP (psi) | Calculated Frac Gradient (psi/ft) | Pmax |
|-------------------------|--------|----------------------|---------------|--|-------------|
| Top | Bottom | | | | |
| 5046 | 5068 | 5057 | 2086 | 0.85 | 2053 ← |
| 4668 | 4732 | 4700 | 2989 | 1.07 | 2959 |
| | | | | Minimum | <u>2053</u> |

Calculation of Maximum Surface Injection Pressure

$P_{max} = (Frac\ Grad - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



ATTACHMENT G-1
1 of 3

Daily Workover Report

ASHLEY FEDERAL 12-24R
(Formerly Castle Peak Unit #2)
NW/SW Sec. 24, T9S, R15E
Duchesne Co., Utah
API # 43-013-15782

Spud Date: 12/15/62
P&A'D: 8/14/71
PBTD: 5286'
Basin #6

8/20/96 PO: Drl cmt plugs. (Day 1)

Summary: 8/19/96 - MIRU Basin #6. PU 4-1/2" spear, 4-3/4" DC & jars. Latch into dry hole marker, jar out of 5-1/2" csg. LD tools. NU tbg head. Press test to 3000 psi (held good). NU BOP. RU to drl cmt. SIFN.
DC: \$12,670 TWC: \$12,670

8/21/96 PO: Drl cmt. (Day 2)

Summary: 8/20/96 - TP: 0, CP: 0. PU 4-3/4" mill & 3-1/2" collars & drl cmt plug f/sfc to 164' (53' solid, the rest stringers). PU tbg. TIH. Circ mud out every 1000'. Tag cmt top @ 3909'. Circ 10 bbls thick drlg mud off cmt top. RU swivel. Mill cmt to 3971'. SIFN.
DC: \$3,680 TWC: \$16,350

8/22/96 PO: Drl cmt. (Day 3)

Summary: 8/21/96 - TP: 0, CP: 0. Mill cmt f/3971' to 4062'. TOH & LD mill. PU 4-3/4" drag bit. TIH w/6 - 3-1/2" drill collars & tbg. Drl cmt f/4062' to 4122'. SIFN.
DC: \$2,855 TWC: \$19,205

8/23/96 PO: Drl cmt. (Day 4)

Summary: 8/22/96 - TP: 0, CP: 0. Drl cmt f/4122' to 4553'. SIFN.
DC: \$2,770 TWC: \$21,975

8/24/96 PO: Bond log. (Day 5)

Summary: 8/23/96 - TP: 0, CP: 0. Drl cmt f/4553' to 4909'. Continue washing to btm. Tag PBTD @ 5281'. Circ well w/clean KCL wtr. TOH to 3404'. SIFN.
DC: \$2,600 TWC: \$24,575

8/25/96 PO: Swab fluid to perforate. (Day 6)

Summary: 8/24/96 - TP: 0, CP: 0. Finish TOH w/tbg. LD DC. TIH w/bit & 5-1/2" csg scraper to 5281'. Displ hole w/130 bbls clean KCL wtr. TOH w/tbg. RU Western Atlas. Run bond log f/5282' to cmt top @ 3900'. RDMO Western Atlas. SIFN. Est 126 BWTR.
DC: \$3,945 TWC: \$28,520

8/26/96 SD for Sunday

8/27/96 PO: Perforate "A-3" zone. (Day 7)

Summary: 8/26/96 - CP: 0. TIH w/tbg & SN to 5261'. Swb fluid f/sfc to 4500'. Rec 107 bbls KCL wtr. TOH w/tbg. SIFN. Est 19 BWTR.
DC: \$875 TWC: \$29,395

8/28/96 PO: Frac "A-3" zone. (Day 8)

Summary: 8/27/96 - CP: 250. Bleed gas off csg. RU Western Atlas, set CIBP @ 5210' & **PERF "A-3" SD @ 5046-68' W/4 JSPF**. TIH w/5-1/2" pkr & 163 jts 2-7/8" 6.5# M-50 tbg, set @ 5111'. Fill tbg w/25 bbls KCL wtr. Press test plug to 3000 psi (held good). Release pkr. LD 4 jts tbg. PU 10' N-80 frac jt. Set pkr @ 4995'. Pmp 60 bbls KCL wtr dn csg to fill annulus. RU swb. IFL @ 3200', made 2 runs, rec 10 BTF, FFL @ 4900'. SIFN. Est 94 BWTR.
DC: \$5,765 TWC: \$35,160



Daily Workover Report - Page Two

ASHLEY FEDERAL 12-24R
(Formerly Castle Peak Unit #2)
NW/SW Sec. 24, T9S, R15E
Duchesne Co., Utah
API # 43-013-15782

Spud Date: 12/15/62
P&A'D: 8/14/71
PBDT: 5286'
Basin #6

8/29/96 PO: Perforate "A-0.5" & "B-2". (Day 9)

Summary: 8/28/96 - TP: 150, CP: 0. Bleed gas off well. RU swb. IFL @ 4600', made 1 run f/SN, rec 1 BTF. RU Halliburton & frac "A-3" sd via tbg w/77,700# of 20/40 sd in 395 bbls of Boragel. Break dn @ 1892 psi. Treated @ ave rate of 13.5 bpm w/ave press of 3800 psi. ISIP: 2086 psi, 5 min: 2004 psi. Flowback on 12/64" ck for 3 hrs & died. Rec 117 BTF. SIFN. Est 372 BWTR.
DC: \$19,660 TWC: \$54,820

8/30/96 PO: Frac "A-0.5" & "B-2". (Day 10)

Summary: 8/29/96 - TP: 0, CP: 0. Release pkr. TOH w/tbg. LD pkr. PU 5-1/2" BV plug. TIH w/159 jts tbg. Set plug @ 4970'. Swb fluid f/sfc to 4300'. Rec 102 BTF. TOH w/tbg. RU Western Atlas & PERF "A-0.5" @ 4901-07', "B-2" @ 4823-29' W/4 JSPF. TIH w/5-1/2" pkr & 158 jts 2-7/8" 6.5# M-50 tbg. Set pkr @ 4940'. Fill tbg w/25 bbls KCl wtr. Press test plug to 3000 psi, held. PU 2-4', 1-8' pup jts, 1-10' N-80 frac jt & set pkr @ 4790'. RU swb. IFL @ 4200', made 2 runs, rec 3 BTF, FFL @ 4790'. Fill csg w/68 bbls KCl wtr. SIFN. Est 360 BWTR.
DC: \$4,580 TWC: \$59,400

8/31/96 PO: Perforate "C" & "D" Sand. (Day 11)

Summary: 8/30/96 - TP: 150, CP: 0. Bleed gas off well. RU swb. IFL @ 2300', made 3 runs, rec 13 BTF w/tr of oil, FFL @ 4790'. RU Halliburton & frac "A-0.5" & "B-2" sd. Screened out w/6.5# sd @ perms w/14,000# of sd in formation & 10,000# of sd in tbg. Total fluid pmpd: 194 bbls Boragel. Release pkr. Reverse circ sd laden fluid out of tbg. Circ well clean. LD subs. Set pkr. SIFN. Est 541 BWTR.
DC: \$15,035 TWC: \$74,435

9/1/96 PO: Frac "C" & "D" Sand. (Day 12)

Summary: 8/31/96 - TP: 0, CP: 0. Release pkr @ 4764'. TOH LD pkr. TIH w/BV plug. Set plug @ 4766'. RU swb. Swb well dn f/sfc to 4200'. Rec 100 BTF. TOH w/tbg. RU Western Atlas & PERF "C" SD @ 4728-32', 4715-18', 4706-09' and "D-3" SD @ 4676-81', 4668-71' W/4 JSPF. TIH w/pkr, set @ 4760'. Fill tbg w/24 BW. Press test pkr & plug to 3000 psi. LD 5 jts tbg. Pkr @ 4611'. RU swb. IFL @ 3000', made 2 runs, rec 9 BTF, FFL @ 4611'. SIFN. Est 456 BWTR.
DC: \$5,090 TWC: \$79,525

9/2/96 SD for Sunday

9/3/96 SD for Holiday

9/4/96 PO: Pull BV plugs. (Day 13)

Summary: 9/3/96 - TP: 150, CP: 60. Bleed gas off well. RU swb. IFL @ 2400', made 2 runs, rec 12 BTF, FFL @ 4600'. RU Halliburton. Start frac, well pmpd 1400 gals off pad, tbg started to pmp out of hole (pkr not holding). SD. TOH w/pkr. NU tree saver. RU Halliburton & frac "C" & "D" sd dn tbg w/75,200# of 20/40 sd in 463 bbls of Boragel. Break dn @ 2892 psi. Treated @ ave rate of 30.2 bpm w/ave press of 2600 psi. ISIP: 2989 psi, 5 min: 2413 psi. Flowback on 12/64" ck for 2 hrs & died. Rec 125 BTF. SIFN. Est 794 BWTR.
DC: \$20,840 TWC: \$100,365



Daily Workover Report - Page Three

ASHLEY FEDERAL 12-24R
(Formerly Castle Peak Unit #2)
NW/SW Sec. 24, T9S, R15E
Duchesne Co., Utah
API # 43-013-15782

Spud Date: 12/15/62
P&A'D: 8/14/71
PBTD: 5286'
Basin #6

9/5/96 PO: Swabbing. (Day 14)

Summary: 9/4/96 - CP: 0. ND frac head. TIH w/RH & 141 jts tbg. Tag sd @ 4405'. Circ sd to plug @ 4766'. Latch onto plug & release. TOH w/tbg. LD plug. TIH w/RH. Tag sd @ 4908'. Circ to plug @ 4970'. Latch onto plug & release. TOH w/tbg. LD plug. TIH w/bar, NC, SN & 164 jts 2-7/8" 6.5# M-50 tbg. Tag sd @ 5112'. Circ 3 jts to CIBP @ 5210'. Lost 160 bbls KCl wtr during circ. RU swb. IFL @ sfc, made 4 runs, rec 46 BTF, FFL @ 1100'. SIFN. Est 908 BWTR.
DC: \$1,825 TWC: \$102,190

9/6/96 PO: Place well on production. (Day 15)

Summary: 9/5/96 - TP: 0, CP: 0. Continue to swb. IFL @ 600', made 23 runs, rec 205 BTF w/tr of oil & no sd. TIH w/tbg to CIBP @ 5210' (no fill). TOH. TIH w/prod string as follows: NC, 3 jts tbg, SN, 15 jts tbg, TA & 146 jts 2-7/8" 6.5# M-50 tbg. EOT @ 5144', SN @ 5049', TA @ 4577'. ND BOP. Set TA w/10,000# tension. NU tbg flange. RU swb. IFL @ 3300', made 7 runs, rec 44 BTF (40 BW, 4 BO), FFL @ 4400'. FOC 10% w/no sd. SIFN. Est 663 BWTR.
DC: \$17,955 TWC: \$120,145

9/7/96 PO: Well on production. (Day 16)

Summary: 9/6/96 - TP: 25, CP: 25. Bleed gas off tbg & csg. Continue to swb. IFL @ 3100', made 5 runs, rec 40 BTF w/90% oil cut (est 36 BO, 4 BW), FFL @ 4100'. Flush tbg w/40 bbls clean wtr. PU & TIH w/2-1/2 x 1-1/2 x 15 RHAC pmp, 8 - 1" scraped rods, 94 - 3/4" plain rods, 99 - 3/4" scraped rods, 1-8', 1-6', 1-2' 3/4" pony rods & 1-1/2 x 22' polished rod. Seat pmp, fill tbg w/21 BW, stroke pmp up to 800 psi. RDMO. **PUT WELL ON PRODUCTION @ 6:00 PM, 9/6/96 W/74" SL @ 7 SPM.** Est 720 BWTR.
DC: \$106,910 TWC: \$227,055

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4618'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Perforate 4 JSPF @ 3063'
4. Plug #2 191' plug covering Trona/Mohogany Bench Formation using 35 sx Class "G" Cement pumped under CICR and out perforations. Follow using 17 sx Class "G" cement pumped on top of CICR
5. Perforate 4 JSPF @ 1560'
6. Plug #3 120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
7. Perforate 4 JSPF @ 260'
8. Plug #4 Circulate 100 sx Class "G" cement down 5 ½" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Ashley Federal #12-24R-9-15

Formerly Castle Peak Unit #2

Proposed P & A
Wellbore Diagram

Initial Production: 32 BOPD,
30 MCFPD, 4 BWPD

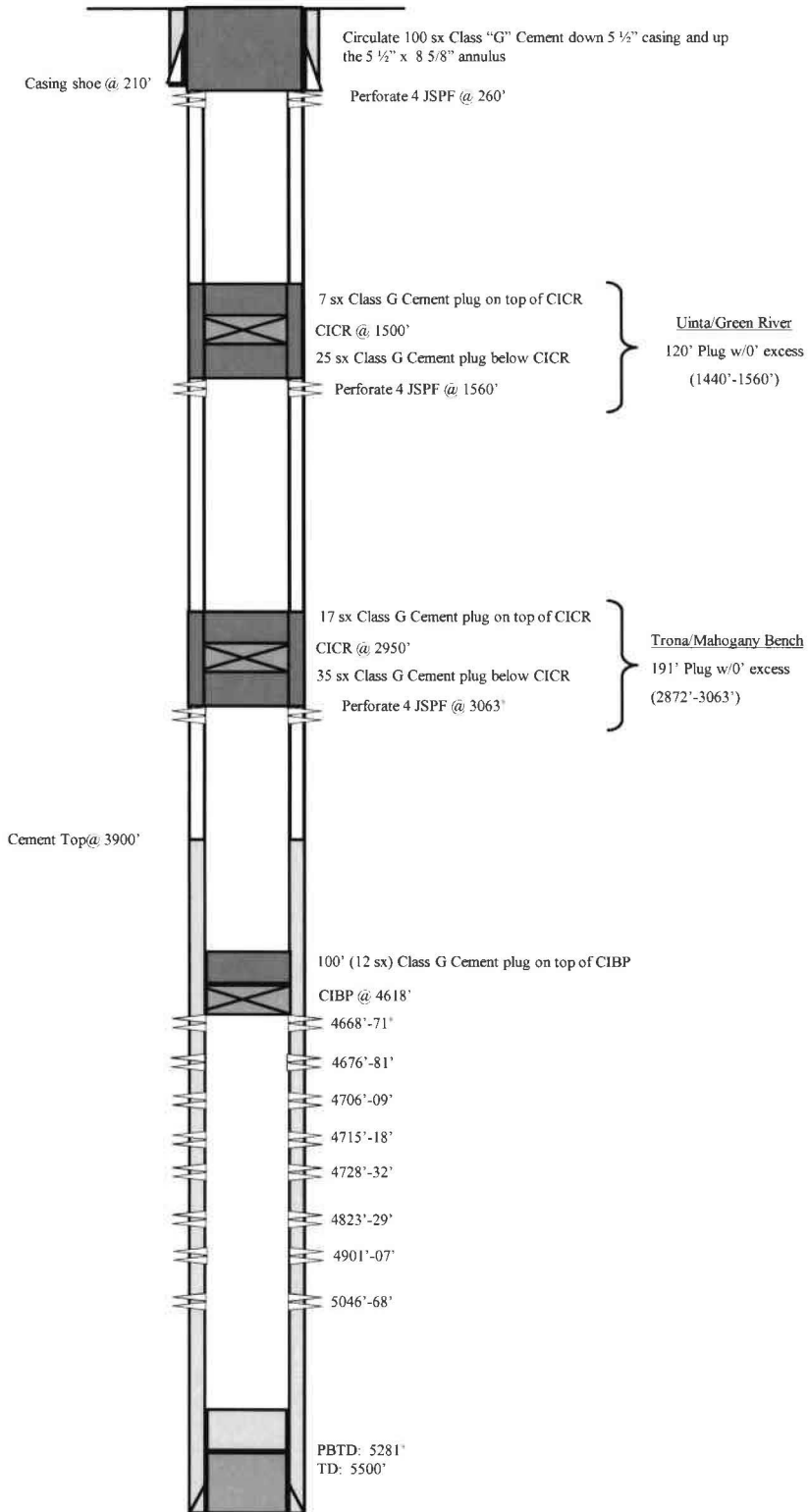
Spud Date: 12/15/62
GL: 6275' KB: 6288'
Plugged & Abandoned 8/14/71
Re-Entered: 8/19/96
POP: 9/6/96

SURFACE CASING

CSG SIZE: 13-3/8"
GRADE: ?
WEIGHT: 48#
LENGTH: ? fts. (211.89)
DEPTH LANDED: 210'
HOLE SIZE: 17-1/2"
CEMENT DATA: 300 Sx in place

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 14#
LENGTH: ?
DEPTH LANDED: 5346'
HOLE SIZE: ?
CEMENT DATA: 520 Sx
CEMENT TOP AT: 3900'



Ashley Federal #12-24R-9-15
2037 FSL & 444 FWL
NWSW Section 24-T9S-R15E
Duchesne Co, Utah
API #43-013-15782; Lease #U-02458